Computer ID: FGAFTRMN
FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

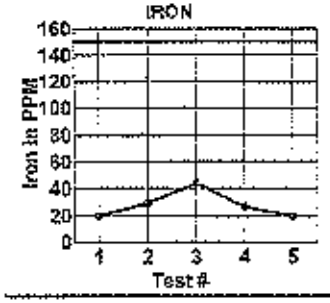
TEST REPORT
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: RBR

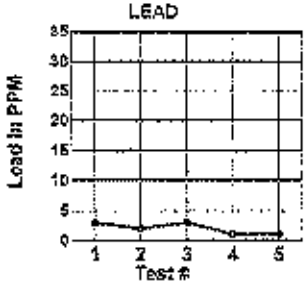
UNIT/SYSTEM	214	ENG
UNIT MAKE	INTERNATIONAL	
UNIT MODEL	GILLIG DT530	
FLUID	CENEX 1540	
SYS MODEL	GILLIG LOW FLOOR	

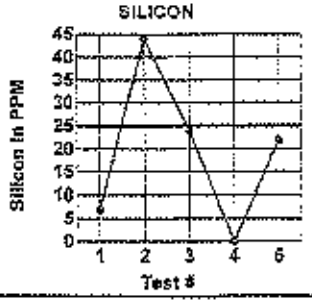
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R14C020187	03/17/2014	03/24/2014	332262	5797	1	0	46	785	1063	0	1209	1416
R14G012785	07/09/2014	07/15/2014	33814	5842	0	0	56	909	1211	0	1195	1421
R14K014985	10/08/2014	10/16/2014	344136	6034	0	1	50	868	1399	7	1194	1331
R15B001294	01/13/2015	02/03/2015	350100	5962	0	2	42	857	1157	0	1018	1548
R16C001241	02/09/2016	03/02/2016	368109	5944	0	0	30	760	1097	0	1064	1303

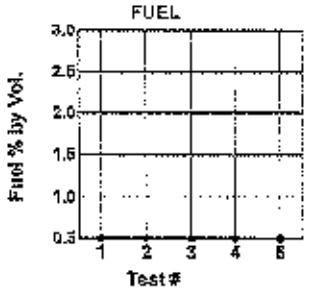
Elemental Analysis values in Parts Per Million by weight / Oil Quality

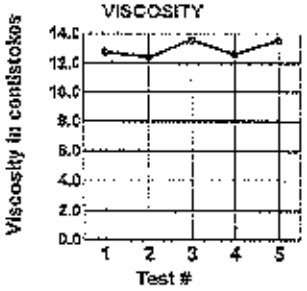
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
5	R14C020187	1	20	0	3	3	0	2	0	0	1	2	3	7	0.05	0.40	40W	0.00	0.00	<.50%	N	12.75
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R14G012785	3	30	0	6	2	0	3	1	0	1	9	2	44	0.05	0.60	30W	0.00	0.00	0.20	N	12.42
	TRACE METAL(S) -NORMAL. LUBE CONTAMINANTS SILICON MODERATELY HIGH. VISCOSITY LOW RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
4	R14K014985	1	44	1	7	3	0	4	2	0	5	9	4	24	0.05	1.30	40W	0.00	0.00	<.50%	N	13.56
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R15B001294	1	27	2	4	1	0	2	0	0	3	7	2	0	0.05	1.50	40W	0.00	0.00	<.50%	N	12.60
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
1	R16C001241	1	20	1	5	1	0	3	0	0	1	12	2	22	0.05	0.30	40W	0.00	0.00	<.50%	N	13.56
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











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ANA LABORATORIES, INC.

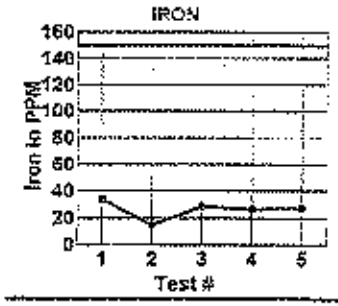
TEST REPORT
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2626 ~ (856) 931-5205 Fax
Analyst: JJP

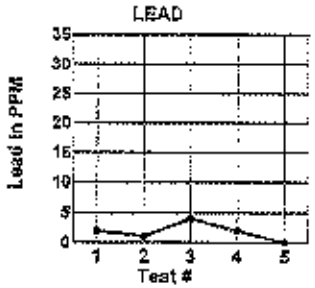
UNIT/SYSTEM	217	ENG
UNIT MAKE	INTERNATIONAL	
UNIT MODEL	DT530	
FLUID	CENEX 1540	
SYS MODEL	GILLIG LOW FLOOR	

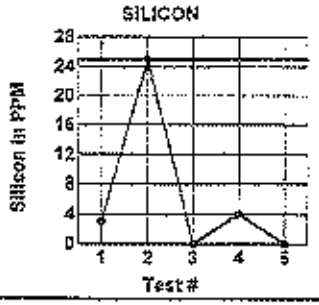
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R14H009368	07/31/2014	08/13/2014	308581	5987	0	1	45	737	1061	0	1054	1257
R14L005120	10/31/2014	11/07/2014	314541	5960	0	0	121	1155	1975	0	1110	1799
R15D007921	04/02/2015	04/10/2015	320159	5618	0	0	39	766	1327	0	1167	1318
R15J014564	09/16/2015	09/21/2015	326084	5916	0	0	40	785	1167	0	1193	1326
R16E016515	05/02/2016	05/23/2016	331934	5850	0	1	38	975	1082	0	1424	1117

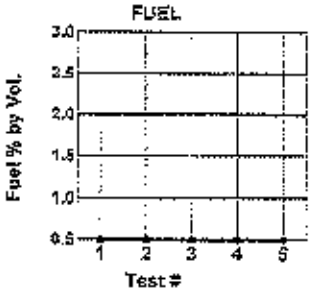
Elemental Analysis values in Parts Per Million by weight / Oil Quality

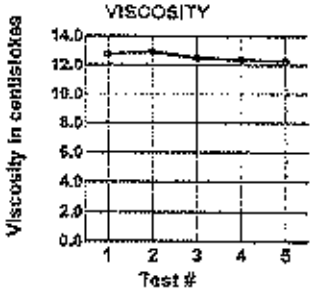
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R14H009368	1	34	0	3	2	0	3	1	0	2	8	1	3	0.05	1.30	40W	0.00	0.00	<50%	N	12.73
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R14L005120	5	15	4	13	1	0	2	2	0	1	440	10	25	0.05	1.20	40W	0.00	0.07	<50%	P	12.34
	TRACE METAL(S) -NORMAL. LUBE CONTAMINANTS SILICON WILL BE ABOVE NORMAL. GLYCOL - POSITIVE CRITICAL & EXCESSIVE. RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
3	R15D007921	1	29	0	3	4	0	3	1	0	1	10	3	0	0.05	0.60	40W	0.00	0.00	<50%	N	12.50
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R15J014564	3	27	1	4	2	0	3	1	0	1	7	3	4	0.05	0.70	30W	0.00	0.00	0.20	N	12.38
	TRACE METAL(S) -NORMAL. LUBE CONTAMINANTS VISCOSITY LOW. RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
5	R16E016515	1	28	1	3	0	0	5	0	0	1	5	2	0	0.05	0.60	30W	0.00	0.00	0.20	N	12.30
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











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ANA LABORATORIES, INC.

TEST REPORT

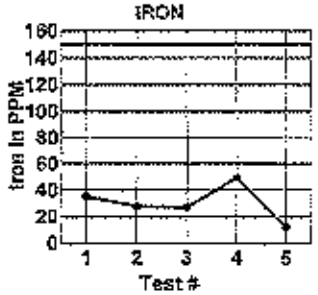
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2628 ~ (856) 931-5206 Fax
Analyst: JJP

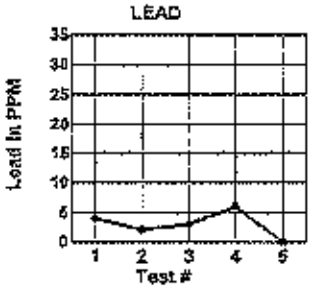
UNIT/SYSTEM	218	ENG
UNIT MAKE	INTERNATIONAL	
UNIT MODEL	DT530	
FLUID	CENEX 1540	
SYS MODEL	GILLIG LOW FLOOR	

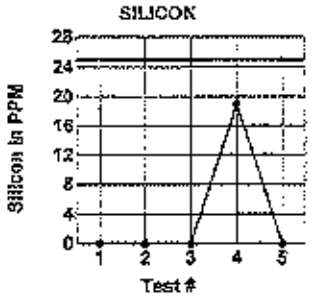
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives: Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15B023939	02/13/2015	02/27/2015	335364	5541	0	1	45	781	1352	0	1153	1264
R15E009897	05/04/2015	05/13/2015	341161	5797	0	1	30	752	1390	0	990	1183
R15H001530	07/21/2015	08/04/2015	346843	5682	0	0	30	656	1117	0	842	1149
R15L011796	11/02/2015	11/16/2015	352591	5748	1	0	49	916	1303	0	1151	1559
R16F015137	06/06/2016	06/18/2016	358231	5640	0	0	40	519	1133	0	918	1293

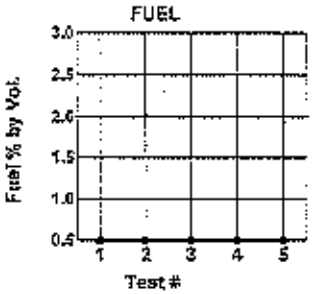
Elemental Analysis values in Parts Per Million by weight / Oil Quality

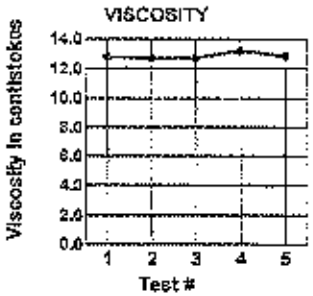
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15B023939	1	35	0	1	4	2	3	2	0	2	7	0	0	0.05	0.20	40W	0.00	0.00	<50%	N	12.80
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R15E009897	1	25	0	2	2	0	1	1	0	1	7	3	0	0.05	0.90	40W	0.00	0.00	<50%	N	12.74
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R15H001530	1	27	0	2	3	1	2	1	0	1	7	2	0	0.05	1.50	40W	0.00	0.00	<50%	N	12.73
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R15L011796	1	45	0	3	6	1	5	1	0	1	6	2	19	0.05	1.20	40W	0.00	0.00	<50%	N	13.23
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16F015137	1	32	0	10	0	0	1	0	0	0	5	3	0	0.05	0.70	40W	0.00	0.00	<50%	N	12.87
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











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ANA LABORATORIES, INC.

TEST REPORT
130-B Harding Avenue, Bellmawr, New Jersey
(800) 848-2626 - (856) 931-5205 Fax
Analyst: MWP

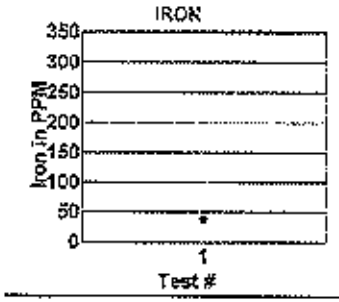
UNIT/SYSTEM	218	TRANS
UNIT MAKE	INTERNATIONAL	
UNIT MODEL	DT530	
FLUID	CASTROL TRANSYND	
SYS MODEL		

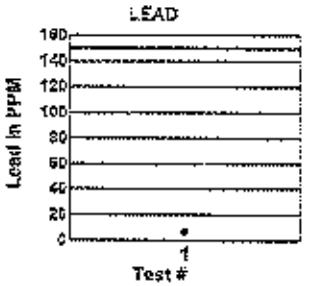
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil
R15E012818	05/04/2015	05/15/2015	341161	47652

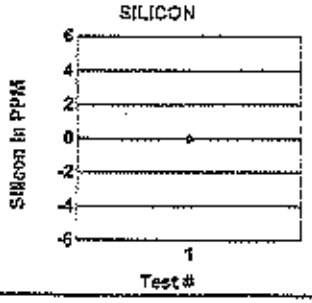
Oil Additives							
Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
0	0	0	0	78	0	276	7

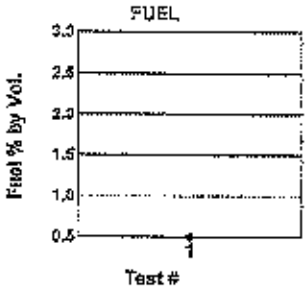
Elemental Analysis values in Parts Per Million by weight / Oil Quality

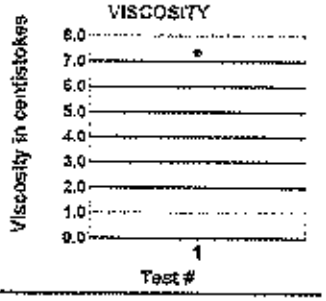
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15E012818	1	38	0	12	7	1	10	0	0	0	8	153	0	0.05	0.00		0.00	0.00	<.50%	N	7.35
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2																						
3																						
4																						
5																						











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Analyst: JJP

UNIT/SYSTEM 219 ENG
UNIT MAKE INTERNATIONAL
UNIT MODEL DT530
FLUID CENEX 1540
SYS MODEL GILLIG LOW FLOOR

Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15E023419	05/15/2015	05/29/2015	300645	2937	2	1	40	800	1140	0	1220	1149
R15H016907	08/12/2015	08/24/2015	306694	6049	1	0	45	784	1293	0	1195	1445
R15L008135	10/30/2015	11/11/2015	312312	5618	0	1	33	826	1145	0	853	1159
R16C022771	03/14/2016	03/31/2016	317953	5641	0	0	43	628	499	0	949	1101
R16F022034	06/14/2016	06/28/2016	323607	5654	0	0	69	1138	1005	0	1343	1267

Elemental Analysis values in Parts Per Million by weight / Oil Quality

Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15E023419	4	57	2	33	9	0	17	1	0	2	9	3	49	0.05	0.70	40W	0.00	0.00	<50%	N	12.94
	TRACE METAL(S) -NORMAL. LUBE CONTAMINANTS SILICON HIGH & UNACCEPTABLE. RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
2	R15H016907	3	49	2	14	3	0	6	1	0	1	5	2	35	0.05	1.30	40W	0.00	0.00	<50%	N	12.93
	TRACE METAL(S) -NORMAL. LUBE CONTAMINANTS SILICON MODERATELY HIGH. RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
3	R15L008135	4	35	4	6	5	0	4	0	0	1	5	0	0	0.05	1.30	40W	0.00	0.00	<50%	N	13.23
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16C022771	1	10	0	12	3	2	1	1	0	1	4	2	9	0.05	0.20	40W	0.00	0.00	<50%	N	13.34
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16F022034	1	30	0	3	2	1	5	1	0	1	3	4	9	0.05	2.50	40W	0.00	0.00	<50%	N	13.18
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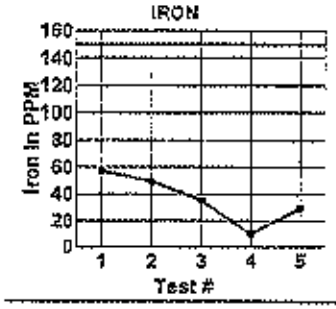

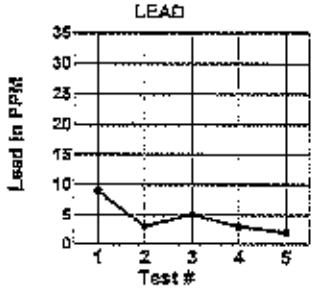

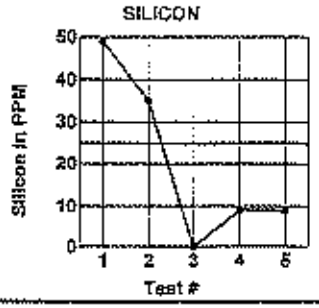

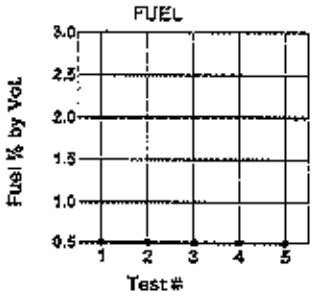

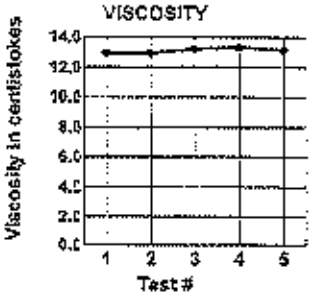

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ANA LABORATORIES, INC.

TEST REPORT

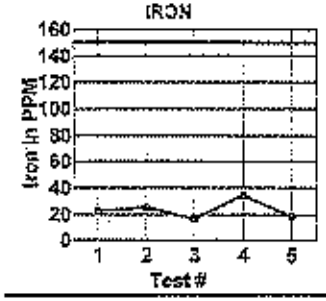
130-B Harding Avenue, Bellmawr, New Jersey
(800) 643-2625 – (856) 931-5205 Fax
Analyst: MWP

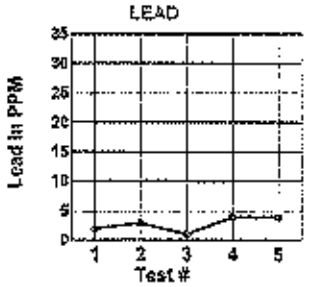
UNIT/SYSTEM	221	ENG
UNIT MAKE	INTL	
UNIT MODEL	DT530	
FLUID	CENEX 1540	
SYS MODEL	GILLIG LOW FLOOR	

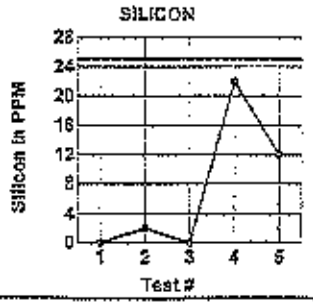
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R13L019041	11/14/2013	11/22/2013	291608	4400	0	0	45	797	1361	0	1157	1366
R14B007179	02/05/2014	02/10/2014	297473	5865	0	1	41	774	1412	0	1175	1212
R14E017024	05/15/2014	05/20/2014	303034	5561	0	2	40	572	990	0	1150	1464
R14L000121	10/23/2014	11/03/2014	308541	5507	0	0	47	979	1287	0	1269	1537
R15K013656	10/02/2015	10/20/2015	314073	5532	0	1	38	795	1158	0	1097	1545

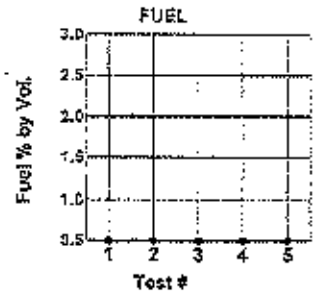
Elemental Analysis values in Parts Per Million by weight / Oil Quality

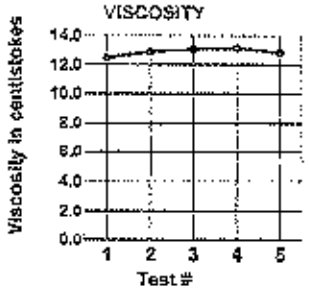
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R13L019041	1	23	0	2	2	0	2	1	0	1	9	2	0	0.05	2.50	40W	0.00	0.00	<.50%	N	12.50
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R14B007179	1	26	0	2	3	0	6	1	0	1	5	2	2	0.05	0.80	40W	0.00	0.00	<.50%	N	12.90
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R14E017024	1	17	0	2	1	0	5	0	0	0	1	1	0	0.05	1.00	40W	0.00	0.00	<.50%	N	13.08
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R14L000121	1	35	0	3	4	0	13	0	0	1	7	1	22	0.05	0.90	40W	0.00	0.00	<.50%	N	13.16
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R15K013656	1	19	0	2	4	3	2	1	0	1	9	2	12	0.05	0.50	40W	0.00	0.00	<.50%	N	12.88
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











Computer ID: FGAFTRMN
FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT

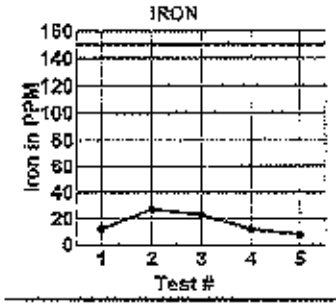
130-B Harding Avenue, Bellmawr, New Jersey
(800) 548-2625 ~ (856) 931-5205 Fax
Analyst: JJP

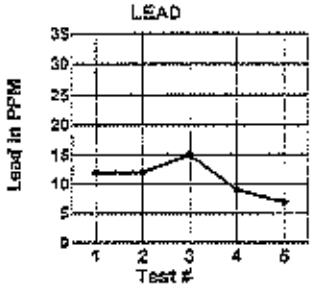
UNIT/SYSTEM	222	ENG
UNIT MAKE	CUMMINS	
UNIT MODEL	ISL	
FLUID	CENEX 1540	
SYS MODEL	GILLIG LOW FLOOR	

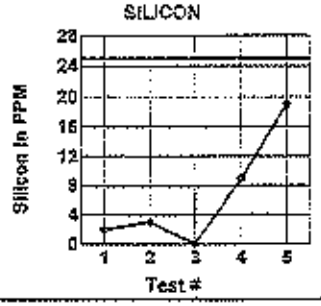
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15D013091	04/06/2015	04/16/2015	240327	6184	1	2	33	655	1091	0	1349	1121
R15G009333	06/30/2015	07/14/2015	246282	5955	0	0	40	928	1155	0	1007	1592
R15K010614	10/01/2015	10/15/2015	252176	5894	0	0	28	684	1059	0	1137	1208
R16B016447	01/19/2016	02/22/2016	258264	6088	0	0	68	1049	1085	0	1115	1536
R16E017782	05/03/2016	05/24/2016	346236	5865	0	1	40	892	1024	0	886	1322

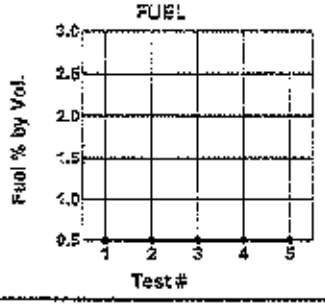
Elemental Analysis values in Parts Per Million by weight / Oil Quality

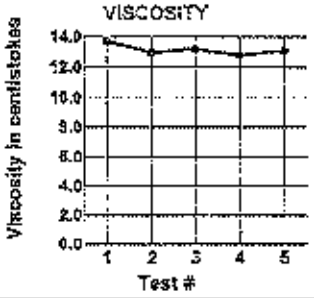
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15D013091	1	12	0	2	12	0	1	0	0	2	12	5	2	0.05	1.00	40W	0.00	0.00	<50%	N	13.71
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R15G009333	1	27	0	4	12	0	0	0	0	1	9	5	3	0.05	0.30	40W	0.00	0.00	<50%	N	12.94
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R15K010614	1	23	0	6	16	0	0	1	0	1	12	5	0	0.05	0.30	40W	0.00	0.00	<50%	N	13.19
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16B016447	1	12	0	7	3	0	1	0	0	1	16	5	3	0.05	0.20	40W	0.00	0.00	<50%	N	12.78
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16E017782	1	3	0	3	7	1	0	0	0	1	11	4	19	0.05	0.50	40W	0.00	0.00	<50%	N	13.08
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











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ROCHESTER, MN 55906
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ANA LABORATORIES, INC.

TEST REPORT

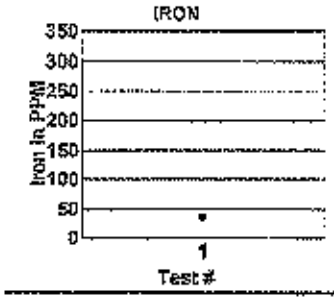
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2626 ~ (856) 931-5205 Fax
Analyst: MWP

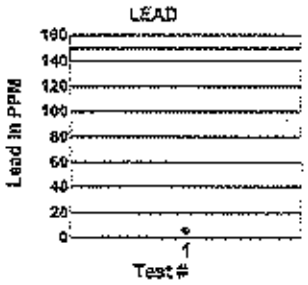
UNIT/SYSTEM	222	TRANS
UNIT MAKE	CUMMINS	
UNIT MODEL	ISL	
FLUID	NONE PROVIDED	
SYS MODEL		

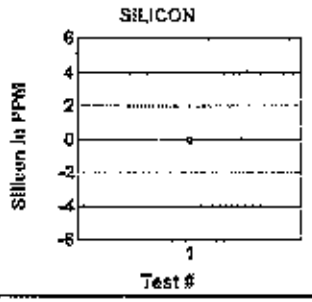
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives							
					Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15K010617	10/01/2015	10/15/2015	252176	47250	0	0	0	0	179	0	574	6

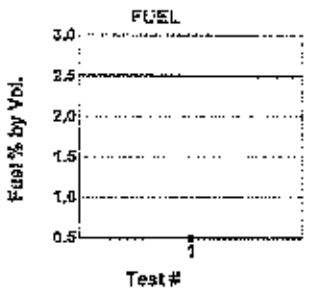
Elemental Analysis values in Parts Per Million by weight / Oil Quality

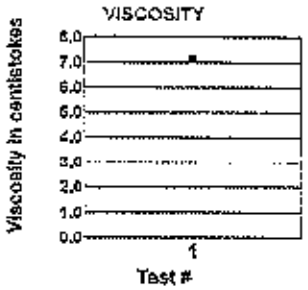
Test	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15K010617	1	37	4	150	6	5	4	1	0	0	45	189	0	0.05	0.00		0.00	0.00	<.50%	N	7.14
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2																						
3																						
4																						
5																						











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4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT

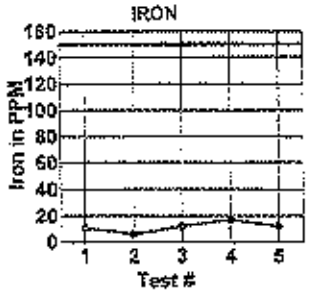
130-B Harding Avenue, Bellmawr, New Jersey
(800) 646-2625 ~ (856) 931-6205 Fax
Analyst: RBR

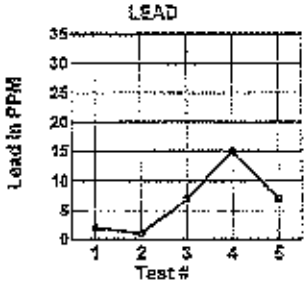
UNIT/SYSTEM	223	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1546	
SYS MODEL	CUMMINS ISL	

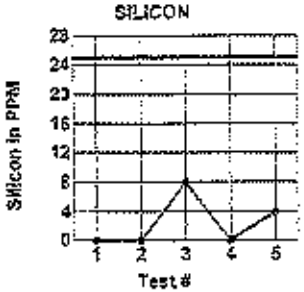
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives: Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15A013611	12/26/2014	01/21/2015	188489	6276	0	2	35	941	1055	0	1537	1189
R15D010787	04/01/2015	04/14/2015	194619	6130	0	0	32	843	1415	1	1262	1402
R15H001528	07/21/2015	08/04/2015	200461	5842	0	1	30	821	1230	0	909	1295
R15L001621	10/20/2015	11/03/2015	350261	5381	0	0	31	783	1241	0	1223	1370
R16B016490	02/04/2016	02/22/2016	356178	5917	0	0	86	1065	993	0	1097	1487

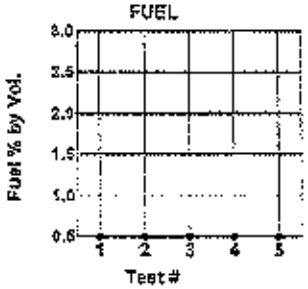
Elemental Analysis values in Parts Per Million by weight / Oil Quality

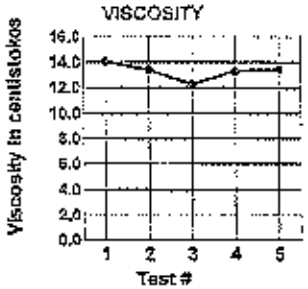
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15A013611	1	11	0	2	2	0	0	0	0	2	5	2	0	0.05	0.40	40W	0.00	0.00	<.50%	N	14.05
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R15D010787	1	6	0	2	1	0	0	0	0	1	9	3	0	0.05	0.30	40W	0.00	0.00	<.50%	N	13.42
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R15H001528	3	12	0	3	7	1	1	0	0	2	11	3	8	0.05	0.60	30W	0.00	0.00	0.20	N	12.31
	TRACE METAL(S) -NORMAL. LUBE CONTAMINANTS VISCOSITY LOW RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
4	R15L001621	1	17	0	4	15	0	1	1	0	1	19	2	0	0.05	0.60	40W	0.00	0.00	<.50%	N	13.33
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16B016490	1	12	0	3	7	0	1	0	0	1	8	2	4	0.05	0.30	40W	0.00	0.00	<.50%	N	13.48
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











Computer ID: FGAFTRMN
FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT

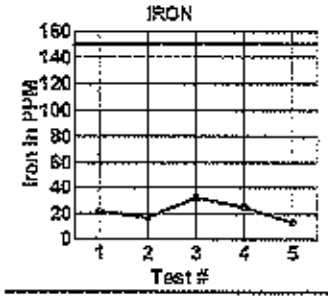
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: MWP

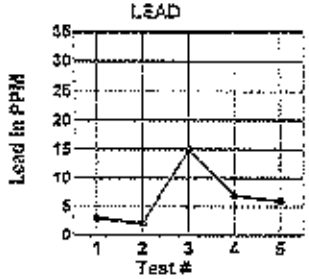
UNIT/SYSTEM	224	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX SUP 1540	
SYS MODEL	CUMMINS ISL	

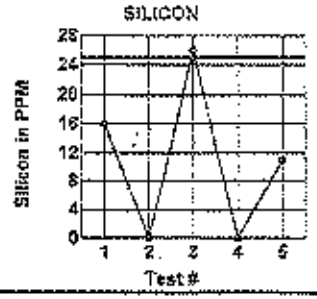
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorous	Zinc
R15B006256	01/23/2015	02/09/2015	98454	6132	0	0	35	858	1492	0	1153	1352
R15F000259	05/14/2015	06/01/2015	104078	5624	0	0	37	835	1285	0	1163	1414
R15J006502	09/01/2015	09/09/2015	110132	6054	0	1	37	821	978	0	1105	1304
R15M004476	11/24/2015	12/07/2015	116186	6054	0	0	44	850	1064	0	1117	1282
R16D012426	04/01/2016	04/18/2016	122025	5839	0	1	37	908	924	9	1171	1182

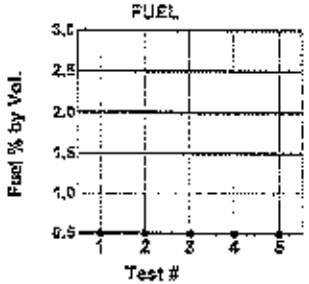
Elemental Analysis values in Parts Per Million by weight / Oil Quality

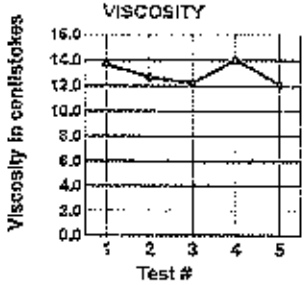
Test	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15B006256	1	22	2	7	3	0	0	0	0	2	9	2	16	0.05	0.50	40W	0.00	0.00	<.50%	N	13.68
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R15F000259	1	17	2	5	2	1	1	1	0	2	10	4	0	0.05	0.30	40W	0.00	0.00	<.50%	N	12.70
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R15J006502	2	32	1	11	15	1	1	1	0	2	11	2	28	0.05	0.60	30W	0.00	0.00	0.30	N	12.22
	TRACE METAL(S) -NORMAL. LUBE CONTAMINANTS SILICON MILDLY ABOVE NORMAL. VISCOSITY LOW RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
4	R15M004476	1	26	1	4	7	0	1	0	0	1	10	2	0	0.05	0.70	40W	0.00	0.00	<.50%	N	14.05
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16D012426	1	13	1	3	6	0	0	1	0	2	7	2	11	0.05	0.40	30W	0.00	0.00	<.50%	N	12.19
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











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4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

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ANA LABORATORIES, INC.

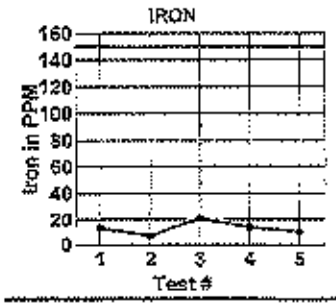
TEST REPORT
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 – (856) 931-5205 Fax
Analyst: JJP

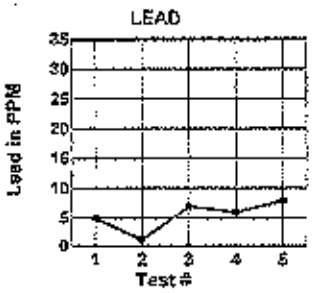
UNIT/SYSTEM	225	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

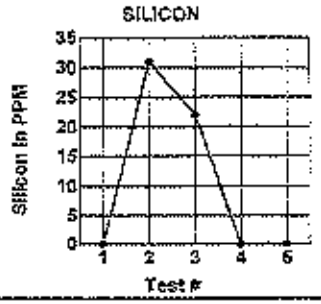
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15D021086	04/15/2015	04/24/2015	152277	5759	1	1	39	791	1116	0	1347	1247
R15H019393	08/14/2015	08/26/2015	158003	5726	0	0	32	747	1054	0	1246	1308
R15M021625	12/11/2015	12/30/2015	163633	5630	0	2	62	944	1220	5	1270	1297
R16C014333	03/02/2016	03/19/2016	169205	5572	0	0	43	1107	1288	0	1048	1443
R16F015127	06/01/2016	06/18/2016	174881	5676	0	0	39	654	1240	0	908	1459

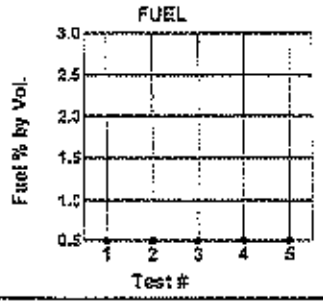
Elemental Analysis values in Parts Per Million by weight / Oil Quality

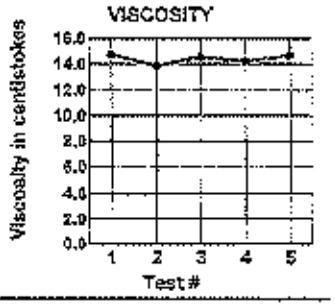
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15D021086	1	12	0	2	6	0	2	0	0	1	6	7	0	0.05	0.40	40W	0.00	0.09	<50%	N	14.76
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL																					
2	R15H019393	2	7	0	1	1	0	0	1	0	1	7	2	31	0.05	0.30	40W	0.00	0.00	<50%	N	13.67
	TRACE METAL(S) NORMAL. LUBE CONTAMINANTS SILICON MILDLY ABOVE NORMAL. RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
3	R15M021625	1	21	1	4	7	1	0	0	0	0	10	3	22	0.05	0.70	40W	0.00	0.00	<50%	N	14.55
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL																					
4	R16C014333	1	14	1	3	5	0	1	0	0	1	7	2	0	0.05	0.00	40W	0.00	0.06	<50%	N	14.21
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL																					
5	R16F015127	1	10	0	1	2	0	0	0	0	1	7	2	0	0.05	0.60	40W	0.00	0.00	<50%	N	14.69
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL																					











FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT

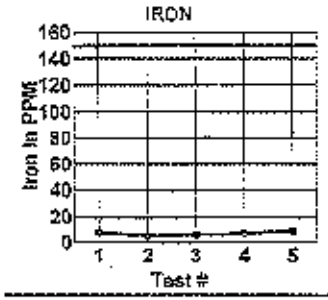
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: MWP

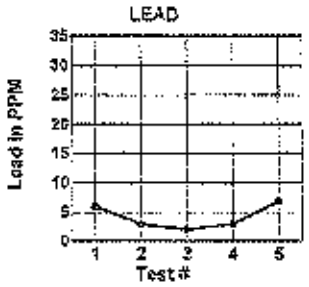
UNIT/SYSTEM	226	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

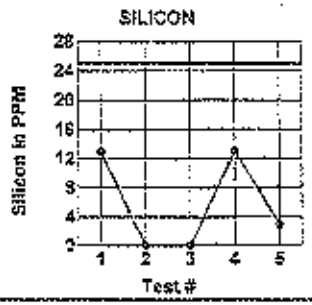
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorous	Zinc
R14K014986	10/07/2014	10/16/2014	298849	6138	0	0	41	894	1207	1	1131	1463
R14M020033	12/05/2014	12/23/2014	304909	6060	0	0	33	933	1379	0	1106	1567
R15B020925	02/11/2015	02/25/2015	310942	6033	0	0	41	739	925	0	1207	1386
R15D019225	04/10/2015	04/23/2015	316904	5962	0	0	43	824	1240	0	1103	1391
R15F016522	06/11/2015	06/18/2015	322927	6023	1	0	42	912	1171	0	1289	1486

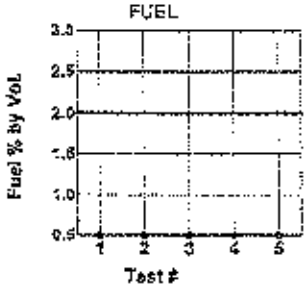
Elemental Analysis values in Parts Per Million by weight / Oil Quality

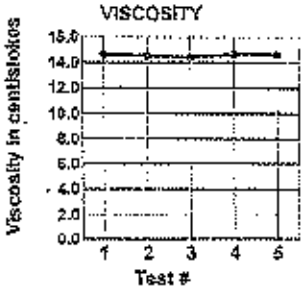
Item	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R14K014986	1	8	0	4	6	0	0	1	0	1	10	3	13	0.05	0.30	40W	0.00	0.00	<.50%	N	14.68
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R14M020033	1	5	0	3	3	0	0	1	0	1	9	2	0	0.05	0.00	40W	0.00	0.00	<.50%	N	14.55
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R15B020925	1	6	0	2	2	0	0	0	0	1	7	1	0	0.05	0.20	40W	0.00	0.00	<.50%	N	14.42
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R15D019225	1	7	0	2	3	0	0	0	0	1	9	6	13	0.05	0.30	40W	0.00	0.00	<.50%	N	14.67
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R15F016522	1	9	0	3	7	0	1	0	0	1	8	3	3	0.05	0.50	40W	0.00	0.00	<.50%	N	14.63
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
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ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

ANA LABORATORIES, INC.

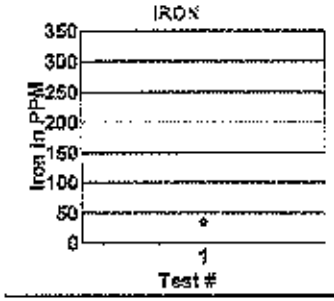
TEST REPORT
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5206 Fax
Analyst: MWP

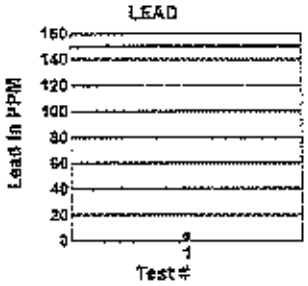
UNIT/SYSTEM	226	TRANS
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CASTROL TRANSYND	
SYS MODEL	VOITH A3VTOR28	

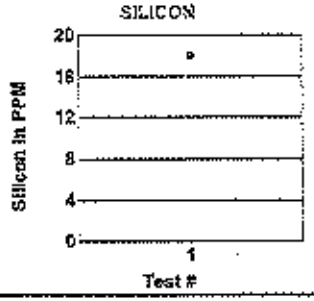
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15D019226	04/16/2015	04/23/2015	316904	48950	0	0	0	3	35	0	270	17

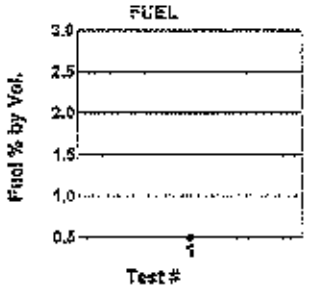
Elemental Analysis values in Parts Per Million by weight / Oil Quality

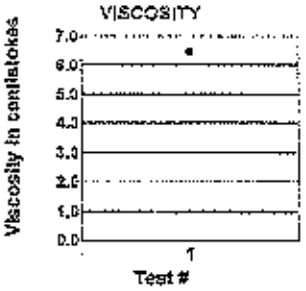
TEST #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15D019226	1	35	5	72	3	5	5	0	0	0	33	175	16	0.05	0.00		0.00	0.00	<.50%	N	6.47
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL																					
2																						
3																						
4																						
5																						











Computer ID: FGAFTRMN
FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

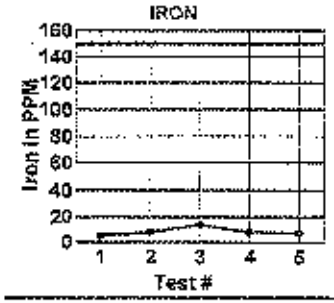
TEST REPORT
130-B Harding Avenue, Bellmawr, New Jersey
(800) 848-2625 ~ (856) 931-5205 Fax
Analyst: JJP

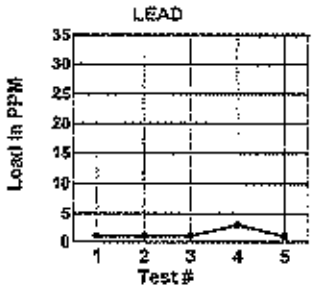
UNIT/SYSTEM	227	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX SUP 1540	
SYS MODEL	CUMMINS ISL	

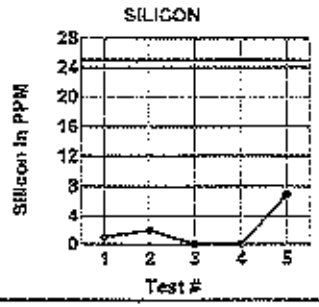
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives: Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15C002477	02/20/2015	03/04/2015	222889	5958	0	0	38	831	1350	0	1208	1474
R15F006183	05/22/2015	06/08/2015	228890	6001	0	1	41	704	1046	0	1220	1177
R15J014449	09/14/2015	09/21/2015	234868	5978	0	0	42	890	1230	0	1213	1398
R16A007291	12/23/2015	01/12/2016	240866	5998	0	0	59	1032	1288	0	1298	1523
R16F011825	06/01/2016	06/15/2016	246865	5999	30	1	60	1104	1033	0	1423	1506

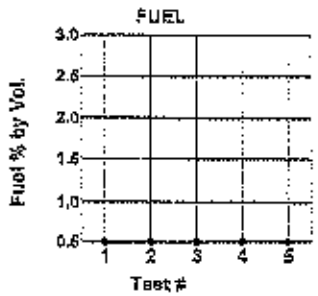
Elemental Analysis values in Parts Per Million by weight / Oil Quality

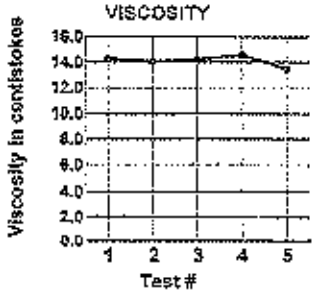
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15C002477	1	5	0	1	1	0	1	0	0	1	8	3	1	0.05	0.10	40W	0.00	0.00	<50%	N	14.27
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R15F006183	1	8	0	1	1	0	1	0	0	1	8	4	2	0.05	0.30	40W	0.00	0.00	<50%	N	14.07
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R15J014449	1	14	0	1	1	0	0	0	0	2	8	0	0	0.05	0.50	40W	0.00	0.00	<50%	N	14.21
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16A007291	1	8	0	1	2	0	0	0	0	1	8	3	0	0.05	0.80	40W	0.00	0.00	<50%	N	14.57
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16F011825	1	7	0	4	1	0	1	0	0	1	10	5	7	0.05	0.30	40W	0.00	0.00	<50%	N	13.53
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











Computer ID: FGAFTRMN
FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT

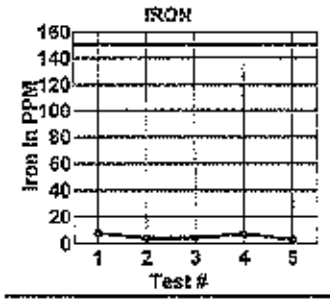
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: RBR

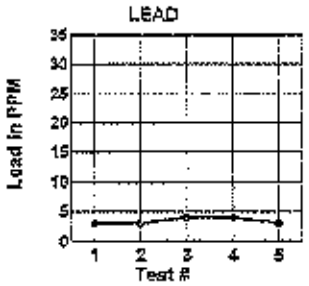
UNIT/SYSTEM	228	ENG
UNIT MAKE	CUMMINS	
UNIT MODEL	ISL	
FLUID	CENEX 1540	
SYS MODEL	GILLIG LOW FLOOR	

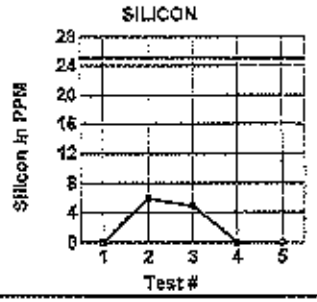
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15B007843	01/29/2015	02/10/2015	161357	5841	0	1	34	815	964	0	1436	1085
R15E000081	04/21/2015	05/01/2015	167323	5966	0	3	40	809	910	0	1102	1233
R15H001527	07/21/2015	08/04/2015	173269	5946	0	1	22	691	1070	0	969	1151
R15L003922	10/23/2015	11/05/2015	179178	5909	0	1	34	698	934	37	1082	1234
R16D000492	03/15/2016	04/01/2016	185102	5924	0	2	27	479	635	0	1121	1125

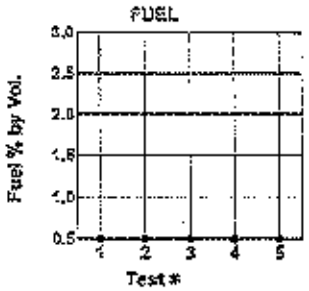
Elemental Analysis values in Parts Per Million by weight / Oil Quality

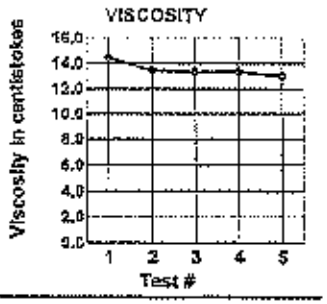
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15B007843	1	8	0	1	3	0	0	0	0	1	6	2	0	0.05	0.40	40W	0.00	0.00	<.50%	N	14.41
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R15E000081	1	4	0	1	3	0	2	1	0	2	3	0	5	0.05	0.30	40W	0.00	0.00	<.50%	N	13.43
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R15H001527	1	4	0	2	4	0	0	0	0	1	14	2	5	0.05	0.40	40W	0.00	0.00	<.50%	N	13.34
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R15L003922	1	7	0	1	4	0	0	0	0	1	9	2	0	0.05	0.20	40W	0.00	0.00	<.50%	N	13.37
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16D000492	1	3	0	1	3	0	1	0	0	1	6	1	0	0.05	0.80	40W	0.00	0.00	<.50%	N	13.02
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











Computer ID: FGAFTRMN
FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT

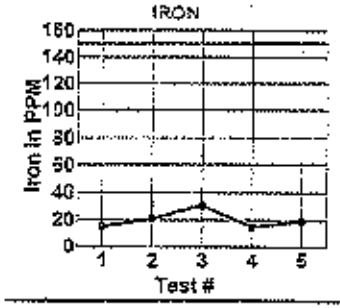
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: JJP

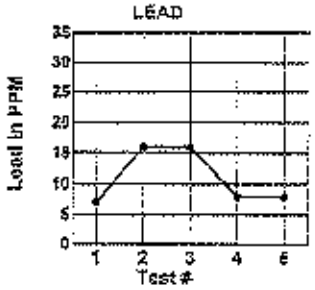
UNIT/SYSTEM	229	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

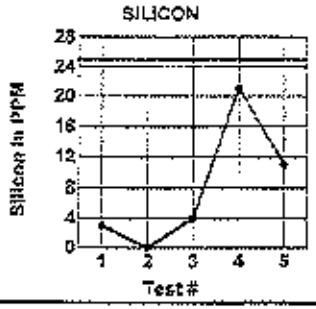
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15F000507	05/19/2015	06/01/2015	162941	6092	0	1	40	824	1087	0	1045	1284
R15H012488	08/10/2015	08/18/2015	152426	6069	0	1	41	1016	1182	0	1504	1278
R15L010860	10/27/2015	11/14/2015	175038	6028	1	1	61	1276	1538	0	1614	1574
R16B016489	02/01/2016	02/22/2016	247537	5854	0	0	90	1191	1051	0	1139	1590
R16F011827	06/02/2016	06/15/2016	353518	5981	1	0	69	1239	1100	0	1459	1426

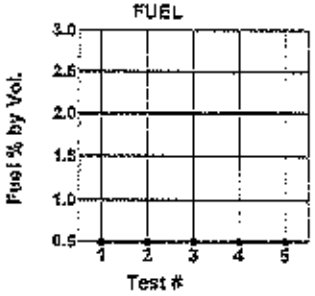
Elemental Analysis values in Parts Per Million by weight / Oil Quality

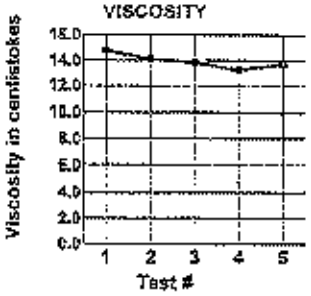
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cst @ 100 C
1	R15F000507	1	15	0	3	7	0	0	0	0	1	7	2	3	0.05	0.40	40W	6.00	0.00	<50%	N	14.00
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R15H012488	1	21	0	5	16	0	2	0	0	2	3	2	0	0.05	0.40	40W	0.00	0.00	<50%	N	14.13
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R15L010860	1	34	0	5	16	0	4	0	0	2	11	4	4	0.05	0.50	40W	0.00	0.00	<50%	N	13.26
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16B016489	1	15	1	5	8	1	0	0	0	2	7	2	21	0.05	0.30	40W	0.00	0.00	<50%	N	13.23
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16F011827	1	19	2	4	8	0	1	0	0	2	6	5	11	0.05	0.40	40W	0.00	0.00	<50%	N	13.67
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

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ANA LABORATORIES, INC.

TEST REPORT

130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: SD

UNIT/SYSTEM	229	TRANS
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CASTROL TRANSYND	
SYS MODEL		

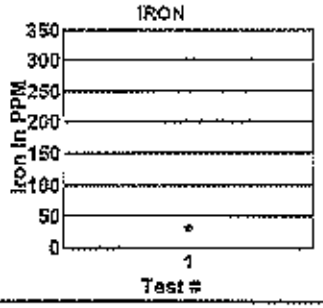
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil
R15C007978	02/25/2015	03/11/2015	156849	40811

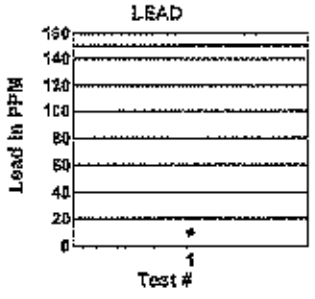
Oil Additives

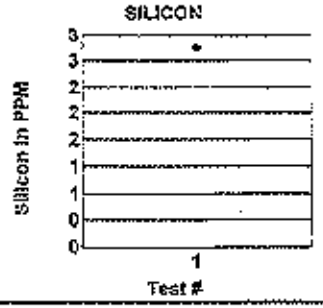
Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
0	0	0	3	29	0	203	16

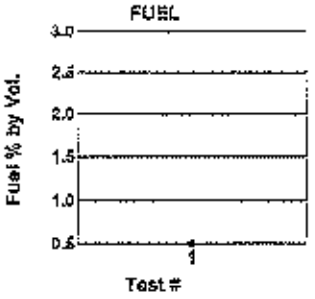
Elemental Analysis values in Parts Per Million by weight / **Oil Quality**

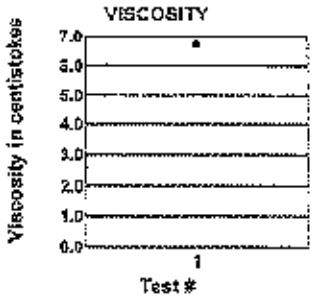
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15C007978	1	3	1	11	18	5	4	0	0	0	1	97	2	0.05	0.06	2	0.00	0.00	<50%	N	5.73
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL																					
2																						
3																						
4																						
5																						











Computer ID: FGAFTRMN
FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT

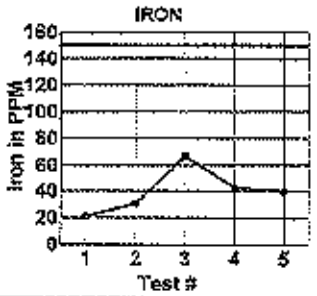
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: JJP

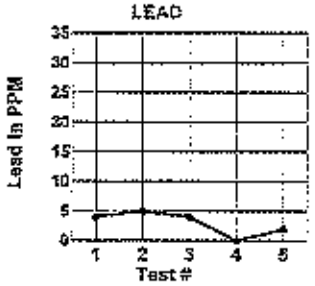
UNIT/SYSTEM	230	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

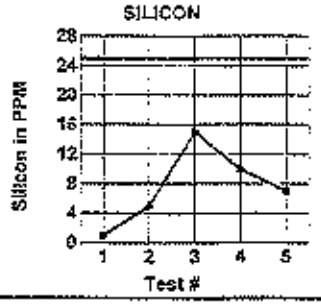
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15E018054	05/13/2015	05/22/2015	368764	5886	0	0	32	826	1402	0	1112	1332
R15H012971	08/06/2015	08/18/2015	374708	5944	2	0	40	841	1323	0	1284	1461
R15M017188	12/08/2015	12/22/2015	380799	6091	0	0	25	615	1045	0	992	1148
R16D000196	03/16/2016	04/01/2016	386639	5840	2	2	36	464	892	0	835	989
R16F022036	06/14/2016	06/28/2016	392576	5937	1	0	55	1142	933	0	1295	1095

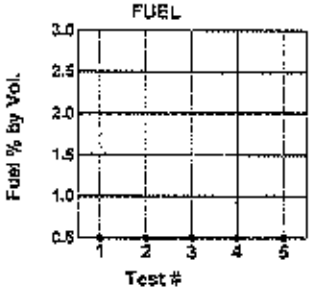
Elemental Analysis values in Parts Per Million by weight / Oil Quality

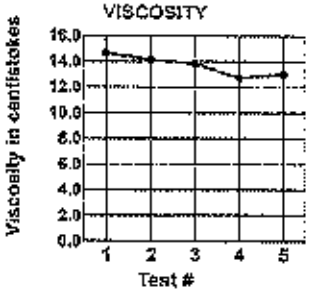
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15E018054	1	21	0	2	4	0	4	2	0	0	13	3	1	0.05	0.30	40W	0.00	0.06	<50%	N	14.63
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R15H012971	1	31	0	2	5	0	3	1	0	1	12	2	5	0.05	0.40	40W	0.00	0.00	<50%	N	13.94
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R15M017188	2	67	1	3	4	0	3	2	0	4	27	2	15	0.05	0.50	40W	0.00	0.00	<50%	N	13.89
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16D000196	1	49	2	5	6	0	45	0	0	4	43	1	10	0.05	0.20	40W	0.00	0.00	<50%	N	12.75
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16F022036	1	40	2	3	2	0	4	0	0	2	8	3	7	0.05	0.70	40W	0.00	0.09	<50%	N	13.02
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











Computer ID: FGAFTRMN
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55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT

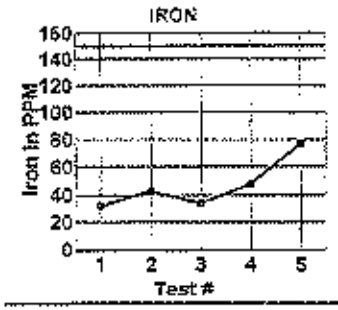
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: JJP

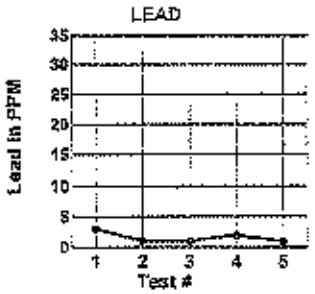
UNIT/SYSTEM	231	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

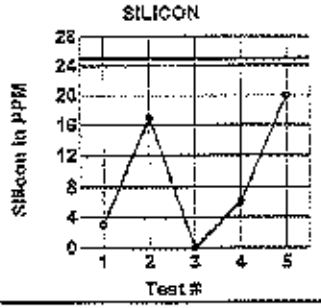
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15F013882	06/03/2015	06/16/2015	329170	5966	1	0	39	866	1298	0	1093	1463
R15H016908	08/11/2015	08/24/2015	335175	6005	2	0	44	907	1319	0	1143	1593
R15L001619	10/20/2015	11/03/2015	341125	5950	0	0	27	720	1180	0	1161	1246
R16B020998	01/18/2016	02/26/2016	347206	6080	0	1	46	848	974	0	954	1097
R16F001804	05/17/2016	06/02/2016	353007	5801	3	0	55	1254	1134	0	1092	1475

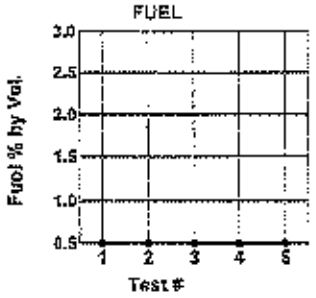
Elemental Analysis values in Parts Per Million by weight / Oil Quality

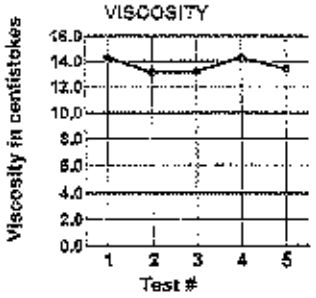
TEST #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15F013882	1	32	0	3	3	0	2	1	0	2	15	5	3	0.05	0.50	40W	0.00	0.00	<50%	N	14.28
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R15H016908	1	43	1	2	1	0	4	1	0	2	13	2	17	0.05	0.30	40W	0.00	0.00	<50%	N	13.13
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R15L001619	1	34	1	3	1	0	2	2	0	3	20	1	0	0.05	0.50	40W	0.00	0.00	<50%	N	13.22
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16B020998	1	48	0	2	2	0	2	1	0	3	9	0	6	0.05	1.20	40W	0.00	0.00	<50%	N	14.31
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16F001804	1	77	1	4	1	1	4	1	0	5	11	3	20	0.05	0.90	40W	0.00	0.00	<50%	N	13.45
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











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55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT

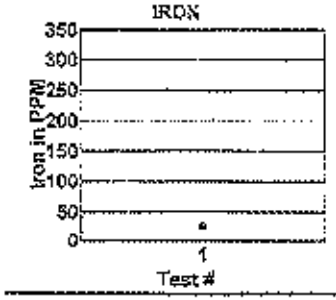
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2825 ~ (856) 931-5205 Fax
Analyst: MWP

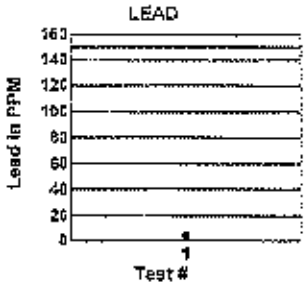
UNIT/SYSTEM	231	TRANS
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CASTROL TRANSYND	
SYS MODEL		

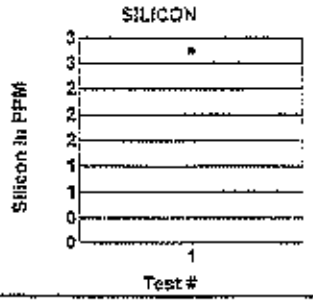
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15H016909	08/11/2015	08/24/2015	235175	47595	0	0	1	2	95	0	421	5

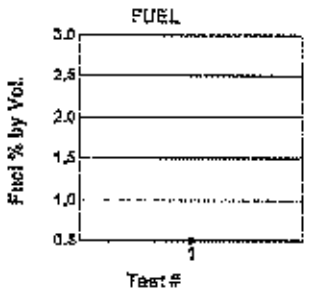
Elemental Analysis values in Parts Per Million by weight / Oil Quality

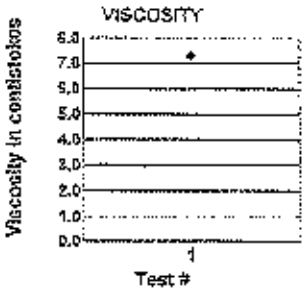
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15H016909	1	25	3	27	4	2	6	0	0	0	8	167	3	0.05	0.00		0.00	0.00	<.50%	N	7.51
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2																						
3																						
4																						
5																						











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1

ANA LABORATORIES, INC.

TEST REPORT

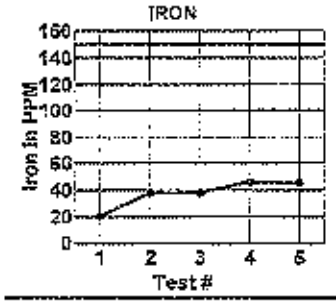
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 - (856) 931-5205 Fax
Analyst: JJP

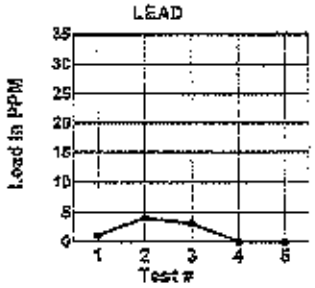
UNIT/SYSTEM	232	ENG
UNIT MAKE	INTERNATIONAL	
UNIT MODEL	DT530	
FLUID	CENEX 1540	
SYS MODEL	GILLIG LOW FLOOR	

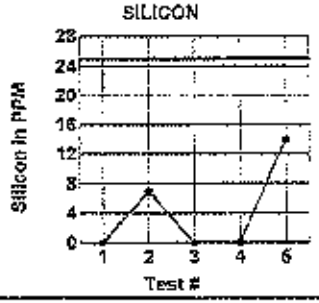
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15C023296	03/19/2015	03/27/2015	313614	5795	0	0	24	763	1357	0	790	1331
R15F016523	06/10/2015	06/18/2015	319643	6029	0	0	43	940	1213	0	1306	1427
R15M000321	11/13/2015	12/01/2015	325687	6044	0	2	37	793	1133	0	1137	1180
R16C007829	02/24/2016	03/10/2016	331565	0	0	1	72	1206	1278	0	1142	1488
R16F019702	05/27/2016	06/14/2016	337625	6060	0	0	59	1419	1269	0	1168	1924

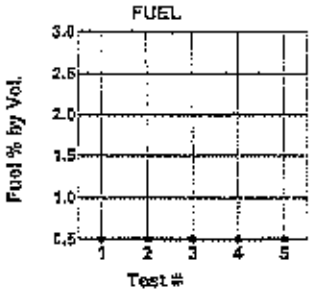
Elemental Analysis values in Parts Per Million by weight / Oil Quality

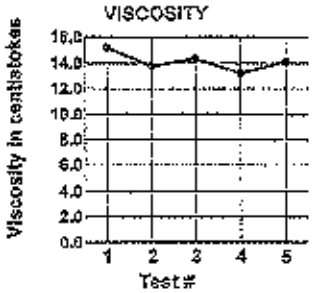
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15C023296	1	21	1	2	1	6	1	1	0	2	11	2	0	0.05	0.30	40W	0.00	0.00	<50%	N	15.22
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R15F016523	1	38	1	3	4	6	2	1	0	2	9	4	2	0.05	0.40	40W	0.00	0.00	<50%	N	13.30
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R15M000321	1	38	1	3	3	0	5	0	0	4	10	2	0	0.05	0.50	40W	0.00	0.00	<50%	N	14.34
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16C007829	1	46	1	3	0	0	7	0	0	3	3	2	0	0.05	0.50	40W	0.00	0.00	<50%	N	13.23
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16F019702	1	45	1	3	0	0	2	1	0	3	13	4	14	0.05	0.60	40W	0.00	0.00	<50%	N	14.13
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











Computer ID: FGAFTRMN
FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT

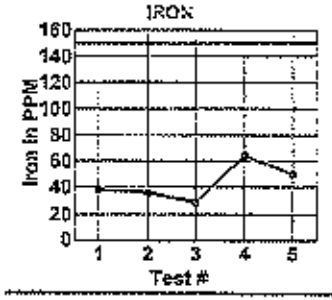
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: MWP

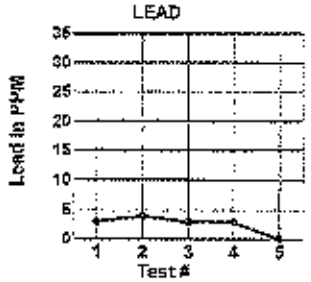
UNIT/SYSTEM	233	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX SUP 1540	
SYS MODEL	CUMMINS ISL	

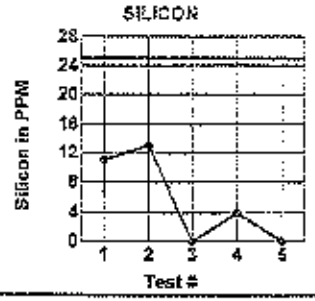
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R14J014559	09/09/2014	09/17/2014	312206	5887	0	0	42	922	1345	0	1047	1461
R14L020577	11/14/2014	11/26/2014	318392	6186	0	1	45	1000	1428	0	1183	1571
R15B020926	02/12/2015	02/25/2015	324653	6261	0	1	44	802	1050	0	1218	1377
R15E017992	05/12/2015	05/22/2015	330433	5780	1	1	74	1205	1339	8	1567	1695
R15H005217	07/29/2015	08/07/2015	336414	5981	0	0	20	938	1294	0	1158	1155

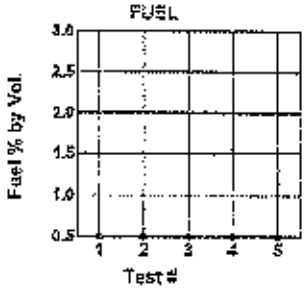
Elemental Analysis Values in Parts Per Million by weight / Oil Quality

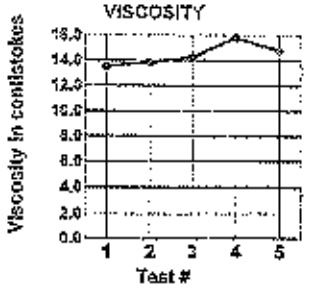
Test	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R14J014559	1	38	0	8	3	0	2	1	0	2	13	2	11	0.05	0.40	40W	0.00	0.00	<.50%	N	13.52
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R14L020577	1	36	1	6	4	1	2	3	0	2	12	3	13	0.05	0.40	40W	0.00	0.00	<.50%	N	13.85
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R15B020926	1	29	1	3	3	0	0	1	0	2	10	3	0	0.05	0.20	40W	0.00	0.00	<.50%	N	14.26
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R15E017992	1	64	0	4	3	0	2	1	0	1	9	7	4	0.05	0.30	40W	0.00	0.00	<.50%	N	15.84
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R15H005217	1	50	0	0	0	0	0	0	0	0	0	0	0	0.05	0.50	40W	0.00	0.00	<.50%	N	14.33
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











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ROCHESTER, MN 55906
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ANA LABORATORIES, INC.

TEST REPORT
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: MWP

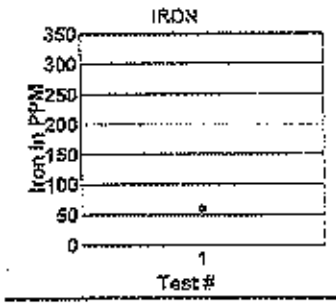
UNIT/SYSTEM	233	TRANS
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CASTROL TRANSYND	
SYS MODEL	VOITH A3UTO	

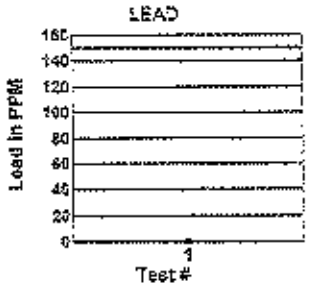
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15H005218	07/29/2015	08/07/2015	336414	48423	0	0	0	0	67	0	333	1

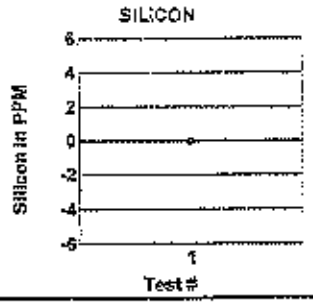
Elemental Analysis Values in Parts Per Million by Weight / Oil Quality

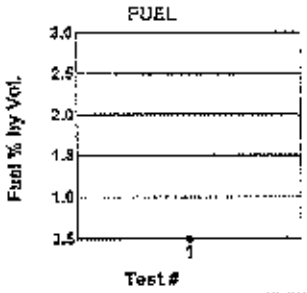
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15H005218	1	50	0	87	0	0	0	0	0	0	9	118	0	0.05	0.00		0.00	0.00	<.50%	N	6.69

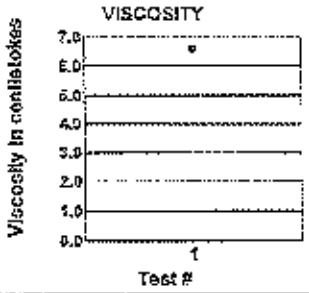
ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.











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ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT

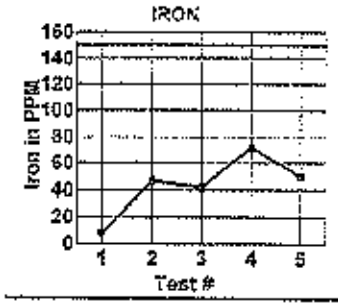
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 – (856) 931-5205 Fax
Analyst: JJP

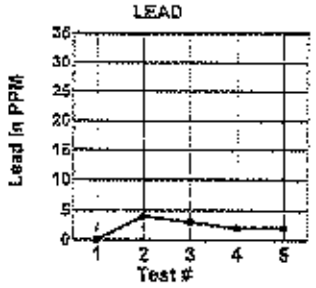
UNIT/SYSTEM	234	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540 SUPER	
SYS MODEL	CUMMINS ISL	

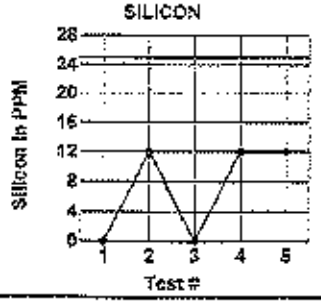
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives: Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15K008595	10/02/2015	10/13/2015	350348	6109	0	0	115	7	1675	0	565	909
R15M021624	12/16/2015	12/30/2015	356380	6032	0	1	51	826	1180	4	1076	1198
R16C020686	03/08/2016	03/29/2016	362357	5977	0	2	44	708	788	0	983	896
R16F007518	05/25/2016	06/09/2016	368454	48466	0	0	0	0	134	0	303	9
R16F007519	05/25/2016	06/09/2016	368454	6097	0	1	48	986	825	0	894	1197

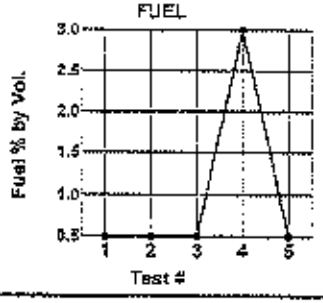
Elemental Analysis values in Parts Per Million by weight / Oil Quality

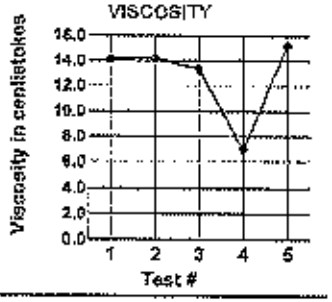
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15K008595	1	8	0	2	0	6	0	0	0	1	7	25	0	0.05	1.00	40W	0.00	0.00	<50%	N	14.14
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R15M021624	1	47	1	6	4	3	1	1	0	4	14	2	12	0.05	0.80	40W	0.00	0.00	<50%	N	14.24
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R16C020686	1	42	1	3	3	0	0	1	0	3	8	0	0	0.05	1.10	40W	0.00	0.00	<50%	N	13.37
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16F007518	5	72	1	265	21	21	4	0	10	0	11	158	12	0.05	0.00	20W	0.00	0.00	1.50	N	5.94
	TRACE METALS: COPPER. CRITICAL FLEX OF SEVERE LUBE CONTAMINANTS FUEL DILUTION. CHECK FOR LEAKING INJECTORS. VISCOSITY LOW. RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
5	R16F007519	1	50	1	5	2	2	0	1	0	4	10	2	12	0.05	1.00	40W	0.00	0.00	<50%	N	15.27
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











Computer ID: FGAFTRMN
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55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

5

ANA LABORATORIES, INC.

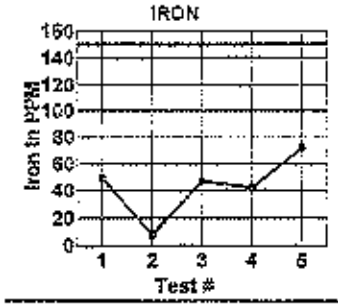
TEST REPORT
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: JJP

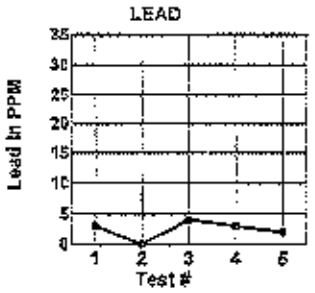
UNIT/SYSTEM	234	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540 SUPER	
SYS MODEL	CUMMINS ISL	

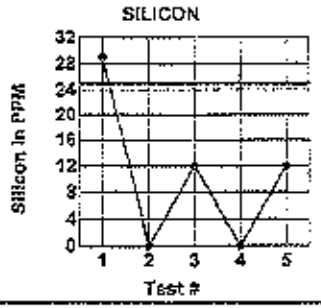
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives: Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15H001529	07/20/2015	08/04/2015	344239	5959	0	0	28	721	1241	0	904	1103
R15K008595	10/02/2015	10/13/2015	350348	6109	0	0	115	7	1675	0	565	909
R15M021624	12/16/2015	12/30/2015	356380	6032	0	1	51	826	1180	4	1076	1198
R16C020686	03/08/2016	03/29/2016	362357	5977	0	2	44	708	788	0	983	896
R16F007518	05/25/2016	06/09/2016	368454	48466	0	0	0	0	134	0	303	9

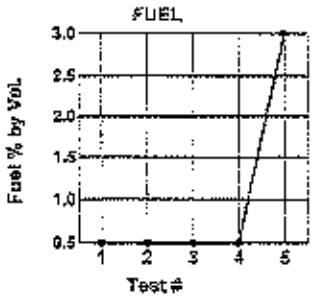
Elemental Analysis values in Parts Per Million by weight / Oil Quality

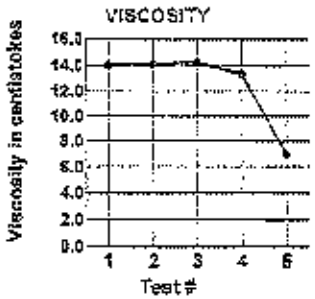
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15H001529	2	49	1	9	3	0	2	1	0	4	14	3	29	0.05	1.30	40W	0.00	0.00	<.50%	N	14.01
	TRACE METAL(S) -NORMAL. LUBE CONTAMINANTS SILICON MILDLY ABOVE NORMAL. RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
2	R15K008595	1	8	0	2	0	0	0	0	0	1	7	35	0	0.05	1.00	40W	0.00	0.00	<.50%	N	14.14
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R15M021624	1	47	1	6	4	3	1	1	0	4	14	2	12	0.05	0.80	40W	0.00	0.00	<.50%	N	14.24
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16C020686	1	42	1	3	3	0	0	1	0	3	8	0	0	0.05	1.10	40W	0.00	0.00	<.50%	N	13.37
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16F007518	5	72	3	265	0	21	4	0	01	0	11	198	12	0.05	0.00	20W	0.00	0.00	3.50	N	6.94
	TRACE METAL(S) COPPER CRITICAL & EXCESSIVE. LUBE CONTAMINANTS FUEL DILUTION. CHECK FOR LEAKING INJECTORS. VISCOSITY LOW. RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					











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1

ANA LABORATORIES, INC.

TEST REPORT

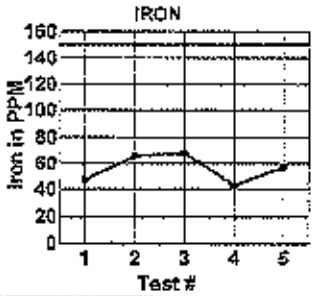
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: JJP

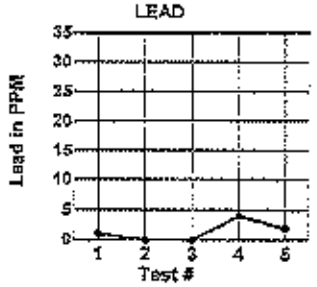
UNIT/SYSTEM	235	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

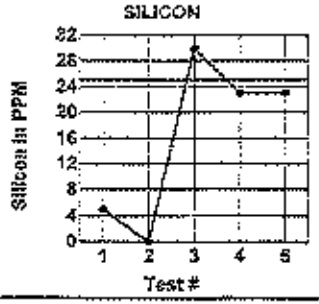
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15F022130	06/15/2015	06/25/2015	397973	6036	1	1	42	653	1208	0	1174	1245
R15J014448	09/11/2015	09/21/2015	404033	6060	0	0	46	893	1296	0	1170	1300
R15M012187	12/03/2015	12/16/2015	410052	6019	2	0	57	830	1403	0	1154	1467
R16D001376	03/23/2016	04/04/2016	416058	6006	0	1	41	1185	1204	0	881	1486
R16F022043	06/15/2016	06/28/2016	422116	6058	2	1	46	1082	1202	0	1393	1319

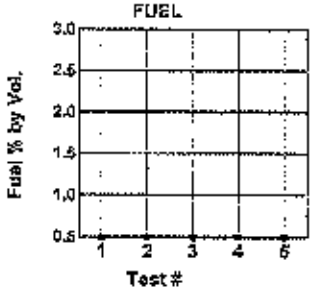
Elemental Analysis values in Parts Per Million by weight / Oil Quality

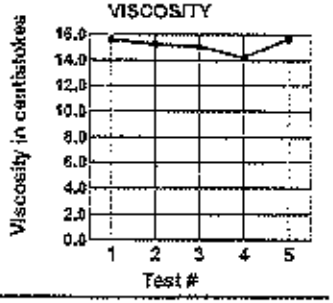
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15F022130	1	47	0	2	1	0	2	0	0	2	10	3	5	0.05	0.50	40W	0.00	0.00	<50%	N	15.62
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R15J014448	1	66	0	2	0	0	1	0	0	3	11	2	9	0.05	1.50	40W	0.00	0.00	<50%	N	15.27
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R15M012187	2	68	0	3	0	1	3	2	0	2	11	3	30	0.05	0.50	40W	0.00	0.00	<50%	N	15.08
	TRACE METAL(S) NORMAL. LUBE CONTAMINANTS SILICON MILDLY ABOVE NORMAL. RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
4	R16D001376	1	43	0	4	4	2	3	2	0	2	14	2	23	0.05	0.50	40W	0.00	0.00	<50%	N	14.21
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16F022043	1	57	0	3	2	0	5	2	0	2	10	5	23	0.05	0.50	40W	0.00	0.00	<50%	N	15.72
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











Computer ID: FGAFTRMN
FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

ANA LABORATORIES, INC.

TEST REPORT

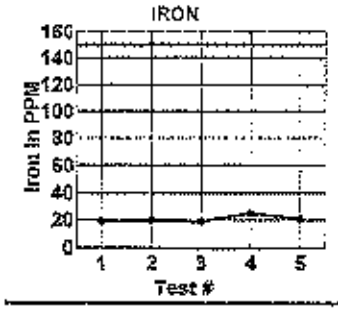
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: JJP

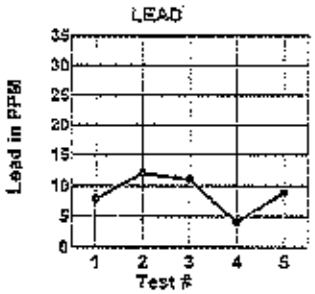
UNIT/SYSTEM	236	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

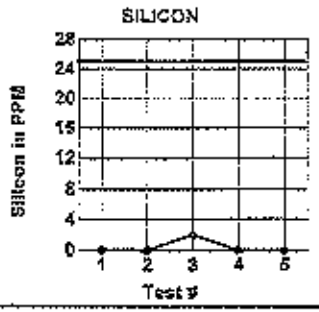
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15F025756	06/22/2015	06/30/2015	320307	5776	0	1	32	740	987	0	1016	1188
R15J006503	09/01/2015	09/09/2015	325957	5650	0	1	32	798	949	0	1114	1287
R15M010857	12/02/2015	12/15/2015	331824	5867	0	0	37	829	1254	0	1001	1353
R16C007831	02/22/2016	03/10/2016	337797	5973	0	1	74	1194	1234	0	1146	1583
R16E016513	05/04/2016	05/23/2016	343770	5973	2	0	76	1652	1092	0	1509	1400

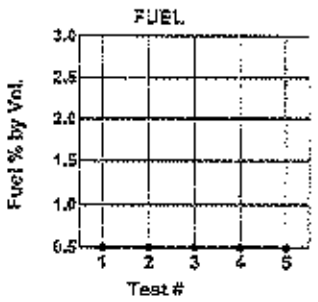
Elemental Analysis values in Parts Per Million by weight / Oil Quality

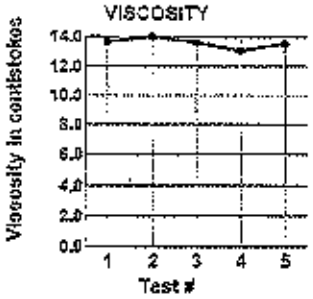
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15F025756	1	19	0	3	8	0	1	0	0	1	8	3	0	0.05	0.90	40W	0.00	0.00	<50%	N	13.65
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R15J006503	1	20	0	5	12	1	2	1	0	2	12	2	0	0.05	0.40	40W	0.00	0.00	<50%	N	14.00
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R15M010857	1	19	0	6	11	1	1	0	0	2	15	1	2	0.05	0.30	40W	0.00	0.00	<50%	N	13.60
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16C007831	1	25	0	6	4	0	6	0	0	2	9	2	0	0.05	0.40	40W	0.00	0.00	<50%	N	13.03
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16E016513	1	21	0	5	9	0	4	0	0	1	28	13	0	0.05	0.30	40W	0.00	0.00	<50%	N	13.65
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











FIRSTGROUP AMERICA, INC.
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ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

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ANA LABORATORIES, INC.

TEST REPORT

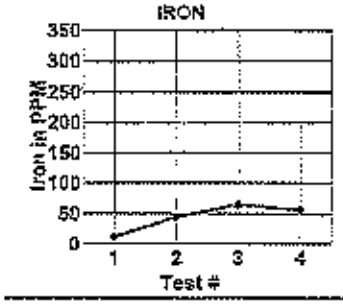
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 - (856) 931-5205 Fax
Analyst: MWP

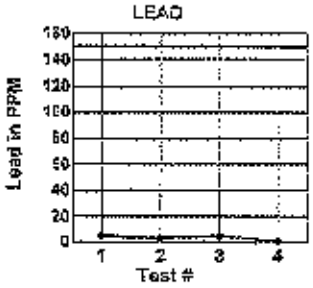
UNIT/SYSTEM	236	TRANS
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CASTROL TRANSYND	
SYS MODEL	GILLIG LOW FLOOR	

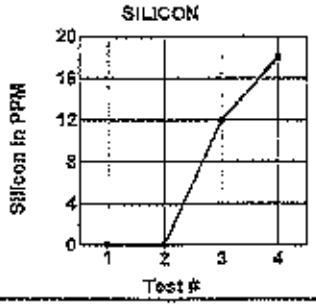
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R13G022379	07/17/2013	07/26/2013	251218	2973	1	0	0	1	22	0	220	6
R14C002411	02/24/2014	03/04/2014	272304	9003	0	0	0	2	96	0	361	10
R14D018697	04/14/2014	04/22/2014	278376	14996	0	0	0	2	87	0	386	16
R15B002221	01/19/2015	02/04/2015	308556	30180	0	0	0	1	158	0	394	29

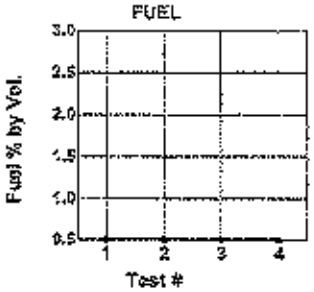
Elemental Analysis values in Parts Per Million by weight / Oil Quality

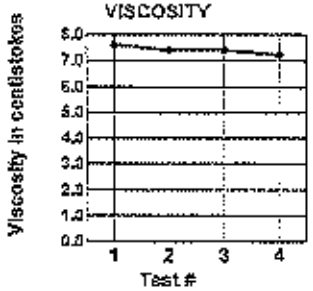
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R13G022379	1	12	2	48	5	0	2	0	0	0	23	34	10	0.05	0.00		0.00	0.00	<50%	N	7.66
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R14C002411	1	45	0	47	3	1	6	0	0	0	16	151	0	0.05	0.00		0.00	0.00	<50%	N	7.35
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R14D018697	1	165	3	162	5	0	8	0	0	0	11	160	42	0.05	0.00		0.00	0.00	<50%	N	7.29
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R15B002221	1	87	4	62	1	2	6	0	0	0	9	185	78	0.05	0.00		0.00	0.00	<50%	N	7.22
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5																						











Computer ID: FGAFTRMN
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55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT

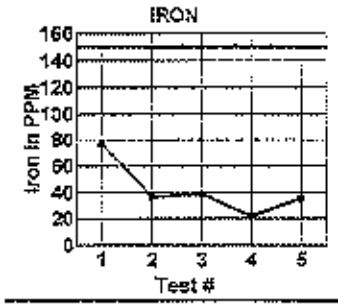
130-B Harding Avenue, Bellmawr, New Jersey
(800) 548-2625 ~ (856) 931-5205 Fax
Analyst: JJP

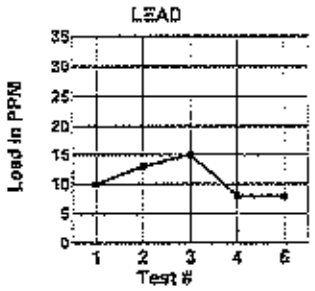
UNIT/SYSTEM	237	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

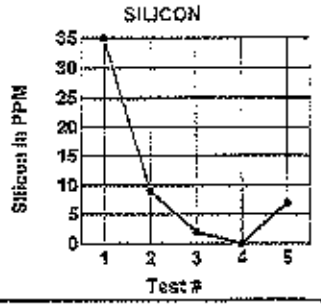
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15G023086	07/14/2015	07/30/2015	276280	6112	1	0	53	1189	1260	0	1256	1367
R15K010616	09/30/2015	10/15/2015	282367	6087	0	0	38	882	1324	0	1354	1443
R16A002231	12/17/2015	01/06/2016	288434	6067	0	0	45	959	1406	0	1313	1634
R16C013223	02/26/2016	03/17/2016	294502	6068	0	0	38	994	1208	0	1080	1309
R16F010713	05/27/2016	06/14/2016	300440	5938	0	1	54	1312	1376	0	1319	1685

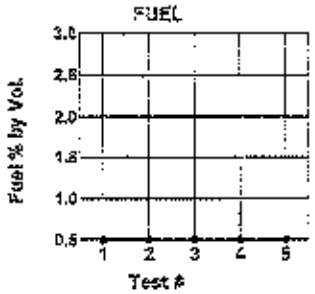
Elemental Analysis values in Parts Per Million by weight / Oil Quality

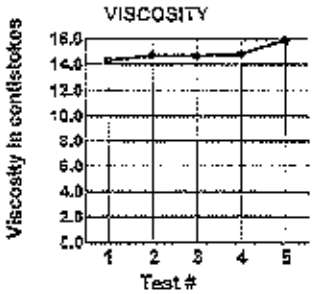
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15G023086	3	77	0	4	10	0	6	1	0	2	11	3	35	0.05	0.50	40W	0.00	0.00	<.50%	N	14.33
	TRACE METAL(S) -NORMAL. LUBE CONTAMINANTS SILICON MODERATELY HIGH. RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
2	R15K010616	1	37	0	5	13	0	1	1	0	2	12	3	9	0.05	0.40	40W	0.00	0.00	<.50%	N	14.74
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R16A002231	1	39	0	3	15	0	2	1	0	1	5	1	2	0.05	0.40	40W	0.00	0.00	<.50%	N	14.68
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16C013223	1	22	0	2	8	0	1	1	0	1	5	2	0	0.05	0.40	40W	0.00	0.00	<.50%	N	14.81
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16F010713	1	36	0	5	8	1	2	1	0	2	19	5	7	0.05	0.30	40W	0.00	0.00	<.50%	N	15.89
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











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ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT

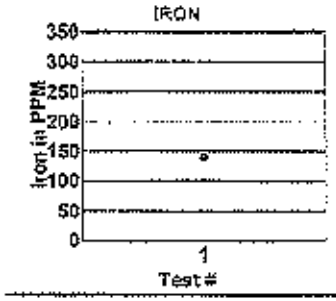
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 – (856) 931-5205 Fax
Analyst: RBR

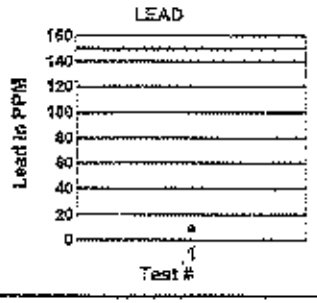
UNIT/SYSTEM 237
UNIT MAKE GILLIG
UNIT MODEL LOW FLOOR
FLUID CASTROL ATF
SYS MODEL

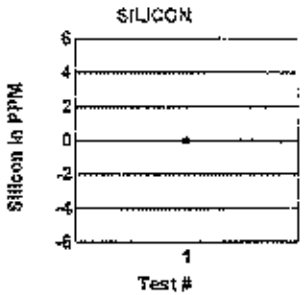
TRANS

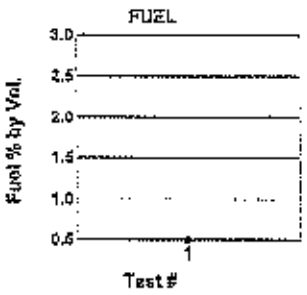
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives							
					Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R16C014334	02/26/2016	03/19/2016	294502	48769	0	0	0	2	156	0	313	13

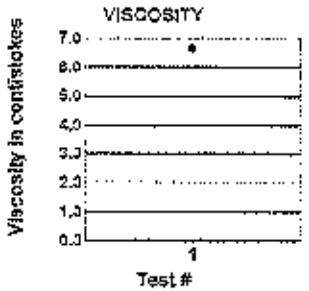
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
			Elemental Analysis values in Parts Per Million by weight												Oil Quality							
1	R16C014334	1	140	2	294	6	32	23	2	0	1	6	165	0	0.05	0.00		0.00	0.00	<.50%	N	6.67
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2																						
3																						
4																						
5																						











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4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

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ANA LABORATORIES, INC.

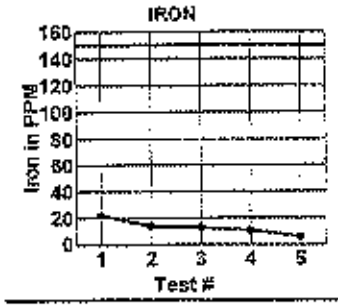
TEST REPORT
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 - (856) 931-5205 Fax
Analyst: JJP

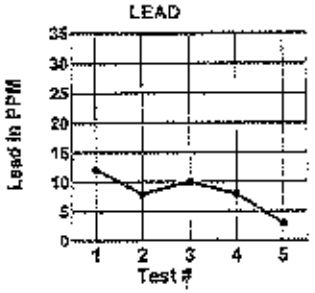
UNIT/SYSTEM	238	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

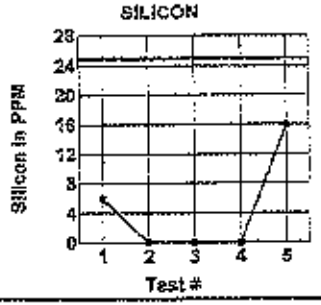
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15J010871	09/03/2015	09/15/2015	352419	5804	5	1	46	995	1247	0	1359	1387
R15L003923	10/23/2015	11/05/2015	358431	6012	0	0	32	770	1092	40	1110	1264
R16A015911	12/30/2015	01/26/2016	364659	6128	0	1	45	1015	1245	0	880	1555
R16C020687	03/02/2016	03/29/2016	370553	5994	0	2	54	812	811	0	1110	1039
R16F022040	06/13/2016	06/28/2016	376714	6161	1	0	59	1160	991	0	1293	1262

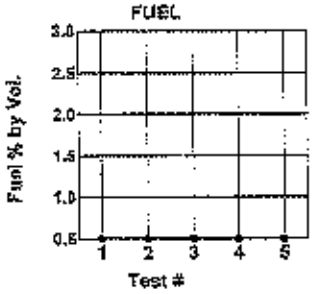
Elemental Analysis values in Parts Per Million by weight / Oil Quality

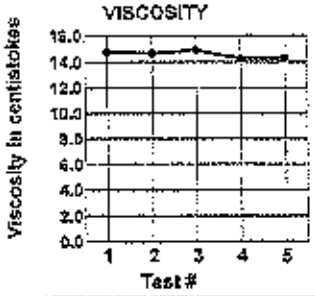
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15J010871	1	22	0	5	12	0	2	0	0	1	12	0	6	0.05	0.40	40W	0.00	0.00	<50%	N	14.84
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R15L003923	1	14	0	4	5	0	0	0	0	0	10	1	0	0.05	0.39	40W	0.00	0.00	<50%	N	14.68
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R16A015911	1	13	0	5	10	0	1	1	0	2	13	2	0	0.05	0.39	40W	0.00	0.00	<50%	N	14.92
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16C020687	1	11	0	2	6	0	0	1	0	1	6	2	0	0.05	0.50	40W	0.00	0.00	<50%	N	14.25
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16F022040	1	8	0	1	3	0	3	0	0	1	4	2	16	0.05	0.50	40W	0.00	0.00	<50%	N	14.36
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











Computer ID: FGAFTRMN
FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT

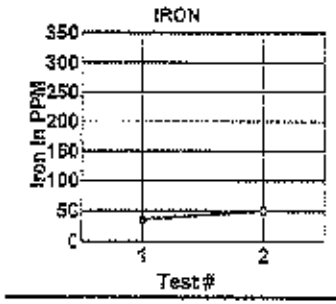
130-B Harding Avenue, Belimawr, New Jersey
(800) 648-2625 - (866) 931-5205 Fax
Analyst: RBR

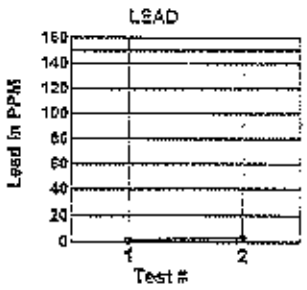
UNIT/SYSTEM	238	TRANS
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CASTROL TRANSYND	
SYS MODEL		

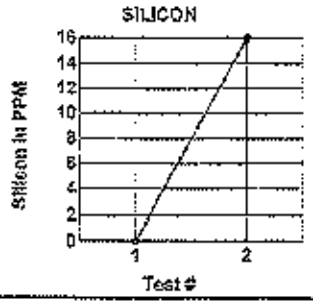
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15A019772	01/02/2015	01/26/2015	322409	47711	0	0	0	1	118	0	403	13
R16C018323	03/02/2016	03/24/2016	370553	48144	0	0	1	1	124	0	530	15

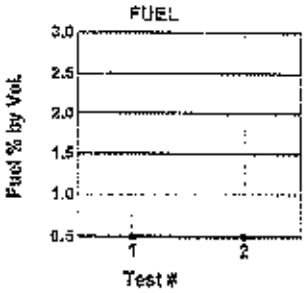
Elemental Analysis Values in Parts Per Million by weight / Oil Quality

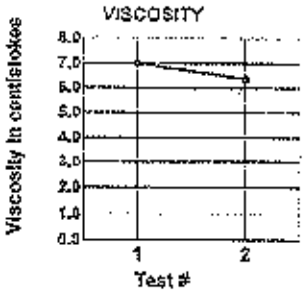
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15A019772	11	36	3	92	1	0	1	0	0	0	22	130	0	0.05	0.00		0.00	0.00	<50%	N	7.02
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R16C018323	1	61	2	131	3	6	14	0	0	1	14	204	16	0.05	0.00		0.00	0.00	<50%	N	6.38
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3																						
4																						
5																						











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ROCHESTER, MN 55906
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ANA LABORATORIES, INC.

TEST REPORT
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: MWP

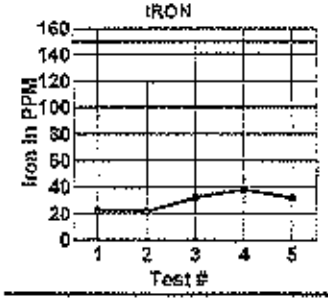
UNIT/SYSTEM	239	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

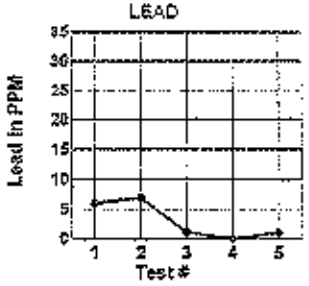
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15G024344	07/15/2015	07/31/2015	225047	6194	0	0	42	903	1174	3	1012	1412
R15K001465	09/26/2015	10/02/2015	231078	6031	0	1	29	725	1091	0	1106	1214
R16A002234	12/11/2015	01/06/2016	236998	5920	0	0	50	873	1219	0	1208	1541
R16C007830	02/18/2016	03/10/2016	243050	6052	1	0	82	1225	1268	0	1138	1647
R16E003945	04/21/2016	05/06/2016	249083	6033	0	1	69	1133	1183	0	970	1453

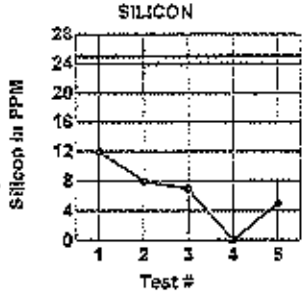
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15G024344	1	23	0	2	6	0	1	0	0	1	10	1	12	0.05	0.50	40W	0.00	0.00	<.50%	N	14.02
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R15K001465	1	22	0	3	7	1	2	2	0	2	12	2	8	0.05	0.40	40W	0.00	0.00	<.50%	N	14.59
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R16A002234	1	32	0	2	1	0	2	1	0	2	4	2	7	0.05	0.30	40W	0.00	0.00	<.50%	N	13.58
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16C007830	1	38	0	2	0	0	6	0	0	2	9	2	0	0.05	0.40	40W	0.00	0.00	<.50%	N	14.28
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16E003945	1	32	0	3	1	2	5	0	0	2	9	4	5	0.05	0.40	40W	0.00	0.00	<.50%	N	14.96
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					

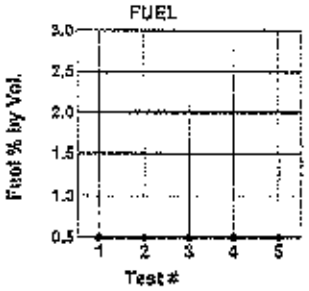
Elemental Analysis Values in Parts Per Million by weight

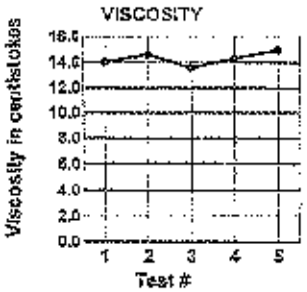
Oil Quality











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ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT

130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: RBR

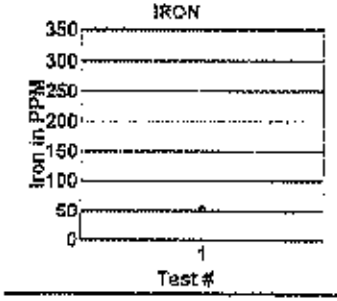
UNIT/SYSTEM 239
UNIT MAKE GILLIG
UNIT MODEL LOW FLOOR
FLUID CASTROL
SYS MODEL

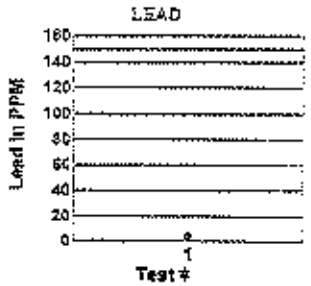
TRANS

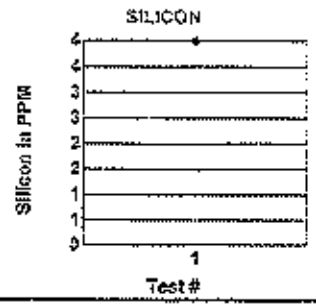
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives: Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R16C006889	02/18/2016	03/09/2016	243050	48057	0	0	0	1	201	0	535	4

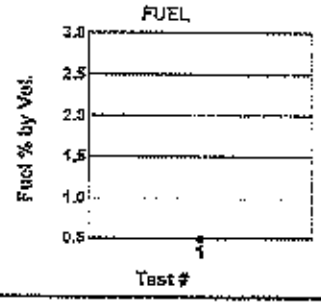
Elemental Analysis values in Parts Per Million by weight / Oil Quality

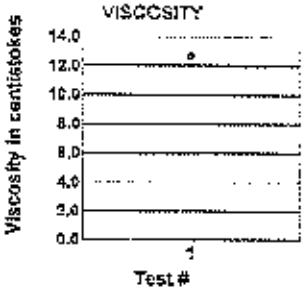
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R16C006889	1	52	3	48	4	5	2	0	0	0	9	234	4	0.05	0.00		0.00	0.00	<.50%	N	12.69
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL																					
2																						
3																						
4																						
5																						











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ROCHESTER, MN 55906
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ANA LABORATORIES, INC.

TEST REPORT

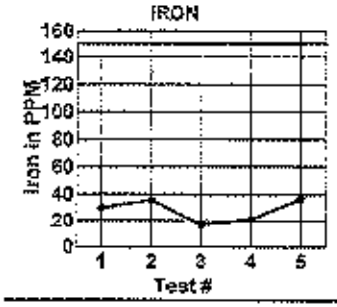
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: JJP

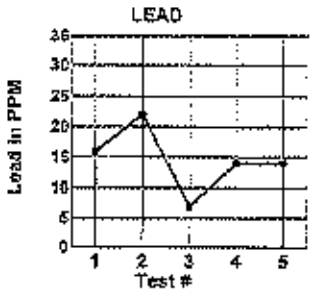
UNIT/SYSTEM	240	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

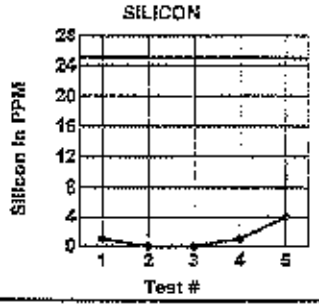
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15J006504	08/31/2015	09/09/2015	263952	6335	0	0	37	840	999	0	1115	1345
R15K015148	10/15/2015	10/21/2015	270391	6439	0	0	41	941	1253	0	1143	1608
R15A015908	12/31/2015	01/26/2016	276190	5799	0	0	34	843	1120	0	956	1271
R16D012558	03/28/2016	04/18/2016	282099	5909	0	3	50	732	974	0	597	1347
R16F022025	06/14/2016	06/28/2016	288138	6039	0	0	70	1380	1126	0	1518	1282

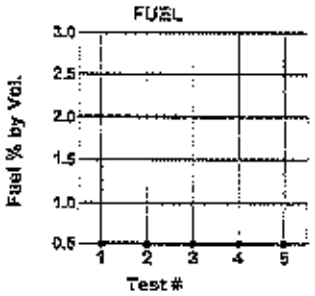
Elemental Analysis values in Parts Per Million by weight / Oil Quality

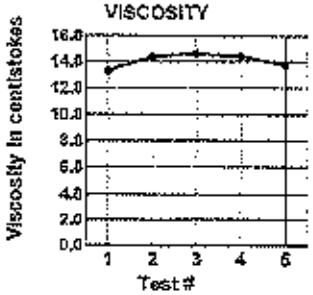
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15J006504	1	30	1	11	16	0	1	0	0	1	12	1	1	0.05	0.70	40W	0.00	0.00	<50%	N	13.32
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R15K015148	1	36	1	8	22	1	1	0	0	1	10	2	0	0.05	0.70	40W	0.00	0.00	<50%	N	14.34
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R15A015908	1	17	1	16	7	0	10	0	0	1	11	1	0	0.05	0.40	40W	0.00	0.00	<50%	N	14.61
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16D012558	1	21	0	2	14	10	5	0	0.01	0	6	1	1	0.05	0.90	40W	0.00	0.00	<50%	N	14.09
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16F022025	1	17	0	3	14	0	1	0	0	1	7	5	4	0.05	0.80	40W	0.00	0.00	<50%	N	13.79
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











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ANA LABORATORIES, INC.

TEST REPORT

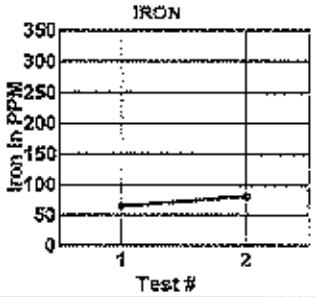
130-E Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 - (856) 931-5205 Fax
Analyst: JJP

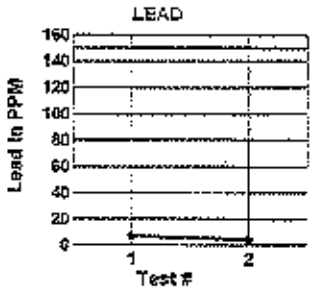
UNIT/SYSTEM	240	TRANS
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CASTROL TRANSYND	
SYS MODEL		

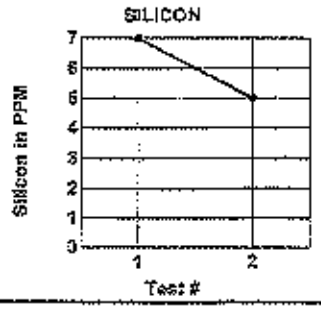
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15A024964	01/15/2015	01/30/2015	239497	48504	0	0	0	2	40	0	135	7
R16F022092	06/14/2016	06/28/2016	288138	48641	1	0	3	3	120	0	389	14

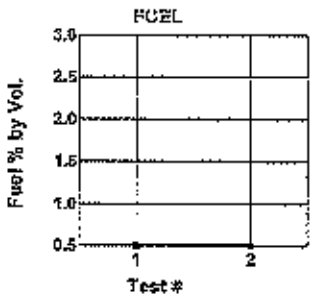
Elemental Analysis values in Parts Per Million by weight / Oil Quality

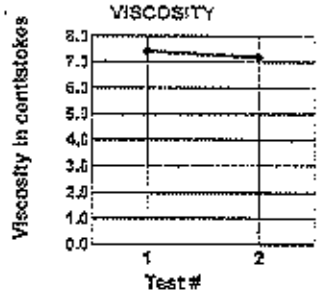
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15A024964	1	69	3	78	2	3	62	0	0	0	28	80	7	0.05	0.00		0.00	0.00	<50%	N	7.44
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R16F022092	1	81	3	88	4	3	194	0	0	0	15	197	5	0.05	0.00		0.00	0.00	<50%	N	7.19
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3																						
4																						
5																						











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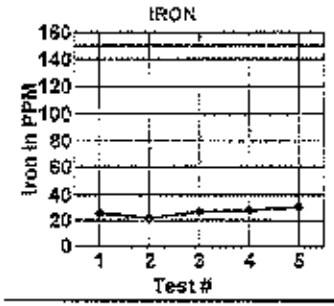
TEST REPORT
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 - (856) 931-5205 Fax
Analyst: JJP

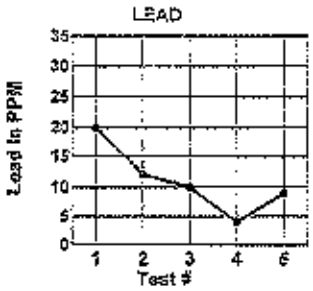
UNIT/SYSTEM	241	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX SUPER 1540	
SYS MODEL	CUMMINS ISL	

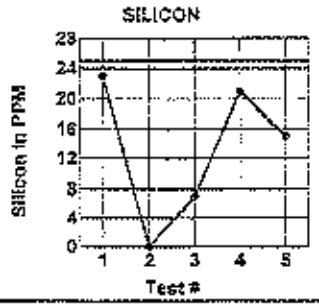
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15J006498	09/02/2015	09/09/2015	414246	6144	0	1	43	896	1052	0	1167	1393
R15L003921	10/22/2015	11/05/2015	420370	6124	0	0	36	781	1100	36	1094	1269
R16B006098	01/13/2016	02/09/2016	426212	5892	0	1	57	1101	1294	0	1106	1625
R16D000246	03/17/2016	04/01/2016	432438	6226	0	1	74	1205	1163	0	1122	1518
R16F003595	06/20/2016	06/04/2016	438545	6107	0	1	61	1114	929	0	1100	1416

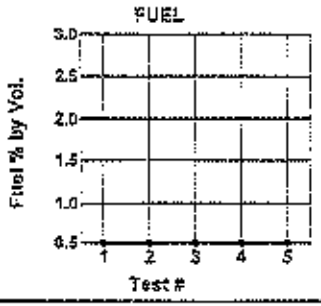
Elemental Analysis values in Parts Per Million by weight / Oil Quality

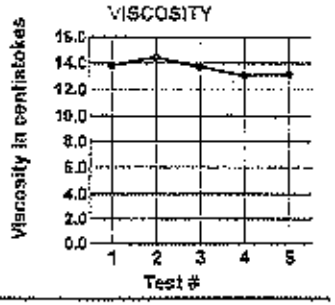
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15J006498	1	26	0	6	20	1	2	1	0	1	13	1	23	0.05	0.30	40W	0.00	0.00	<50%	N	13.64
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R15L003921	1	22	0	4	12	0	0	0	0	1	11	0	0	0.05	0.40	40W	0.00	0.00	<50%	N	14.47
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R16B006098	1	27	0	3	10	0	2	0	0	1	9	2	7	0.05	0.40	40W	0.00	0.00	<50%	N	13.73
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16D000246	1	28	0	5	4	1	2	0	0	2	13	2	21	0.05	0.30	40W	0.00	0.00	0.50	N	13.07
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16F003595	1	31	1	7	9	2	2	1	0	2	10	3	15	0.05	0.60	40W	0.00	0.00	<50%	N	13.17
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











Computer ID: FGAFTRMN
FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

2

ANA LABORATORIES, INC.

TEST REPORT
130-E Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: RBR

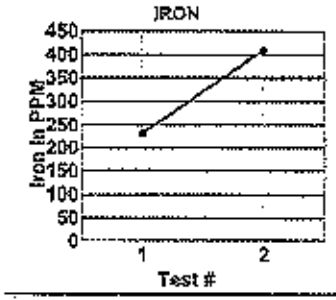
UNIT/SYSTEM 241
UNIT MAKE GILLIG
UNIT MODEL LOW FLOOR
FLUID CASTROL TRANSYND
SYS MODEL

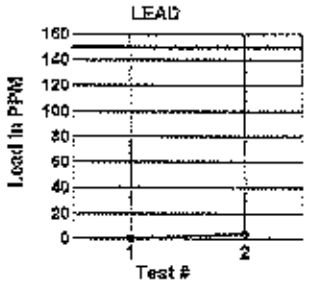
TRANS

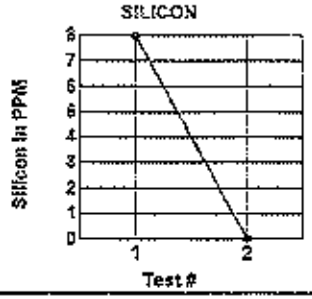
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15B007546	01/27/2015	02/10/2015	384078	47788	0	0	1	2	81	0	252	9
R16D000667	03/17/2016	04/01/2016	432438	48360	0	2	6	6	128	0	354	11

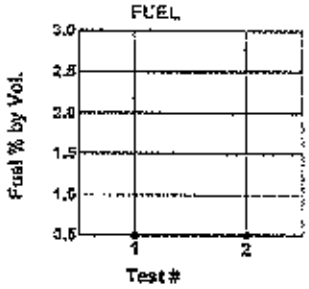
Elemental Analysis values in Parts Per Million by weight / Oil Quality

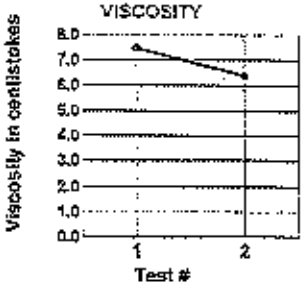
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15B007546	1	232	4	61	0	6	4	0	0	1	11	148	8	0.05	0.00		0.00	0.00	<.50%	N	7.49
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R16D000667	2	410	5	76	4	9	8	0	0	2	10	216	0	0.05	0.00		0.00	0.00	<.50%	N	6.39
	TRACE METAL(S) IRON MILDLY ABOVE NORMAL. LUBE CONTAMINANTS -NORMAL. FOLLOW ESTABLISHED MAINTENANCE PROCEDURES.																					
3																						
4																						
5																						











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ROCHESTER, MN 55906
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1

ANA LABORATORIES, INC.

TEST REPORT

130-B Harding Avenue, Bellmawr, New Jersey
(800) 548-2625 – (856) 931-5205 Fax

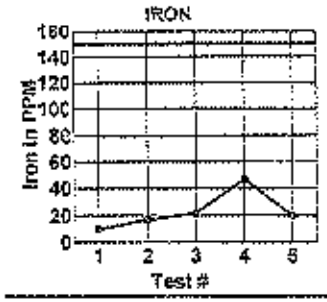
Analyst: MWP

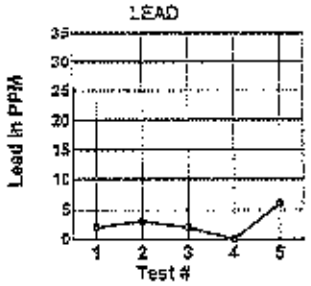
UNIT/SYSTEM	242	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

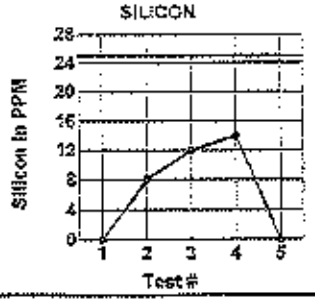
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15F013931	06/05/2015	06/16/2015	226600	5795	0	1	24	724	1183	0	1077	1292
R15H018861	08/17/2015	08/26/2015	232338	5738	0	1	33	684	990	0	978	1413
R15L017894	11/11/2015	11/24/2015	238241	5903	0	0	29	751	1218	0	1008	1272
R16B020996	01/27/2016	02/26/2016	244369	6128	0	0	47	863	856	0	1043	1275
R16D022329	04/13/2016	04/29/2016	250380	6011	0	0	2	10	1832	1	870	774

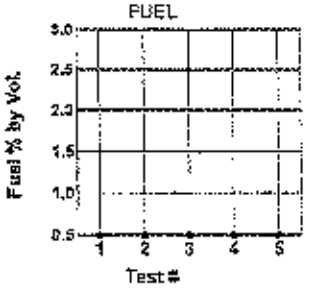
Elemental Analysis values in Parts Per Million by weight / Oil Quality

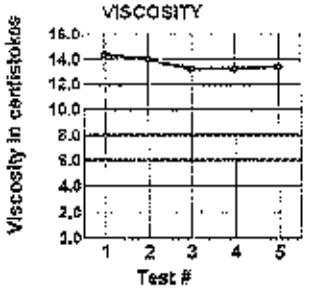
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15F013931	1	10	0	4	2	1	0	1	0	1	15	3	0	0.05	0.60	40W	0.00	0.00	<.50%	N	14.38
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R15H018861	1	17	0	4	3	3	1	2	0	1	13	2	8	0.05	0.60	40W	0.00	0.00	<.50%	N	13.99
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R15L017894	1	22	0	4	2	0	1	1	0	2	10	2	12	0.05	0.30	40W	0.00	0.00	<.50%	N	13.23
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16B020996	1	47	0	3	0	0	3	1	0	3	8	0	14	0.05	0.50	40W	0.00	0.00	<.50%	N	13.26
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16D022329	1	20	0	2	6	0	2	1	0	2	3	5	0	0.05	0.40	40W	0.00	0.00	<.50%	N	13.41
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











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1

ANA LABORATORIES, INC.

TEST REPORT

130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: RBR

UNIT/SYSTEM	242	TRANS
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CASTROL	
SYS MODEL		

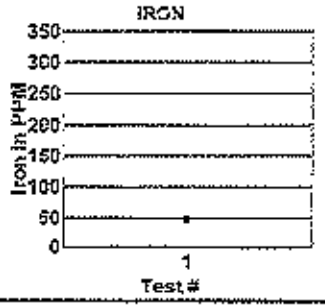
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil
R15L013881	11/11/2015	11/18/2015	238241	47501

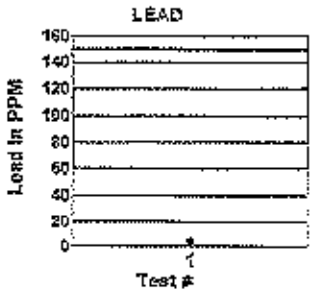
Oil Additives

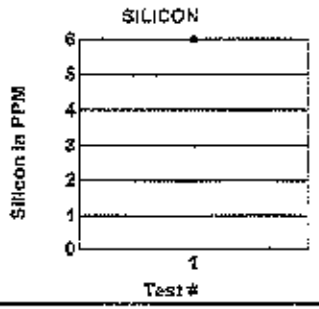
Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
0	0	1	2	146	0	512	15

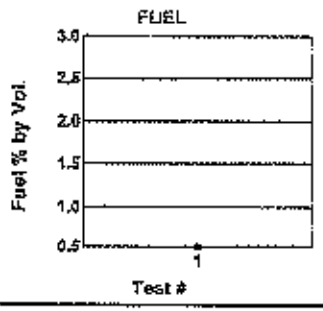
Elemental Analysis values in Parts Per Million by weight / **Oil Quality**

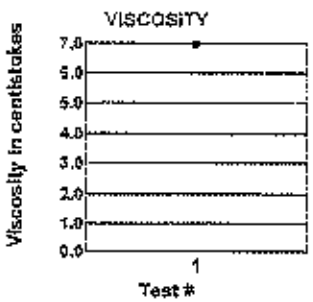
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15L013881	01	148	5	97	4	5	1	1	0	0	29	464	6	0.05	0.00		0.00	0.00	<50%	N	5.96
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2																						
3																						
4																						
5																						











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4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT

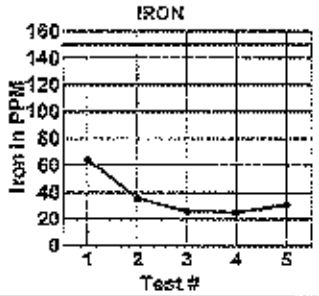
130-B Harding Avenue, Bellmawr, New Jersey
(800) 848-2625 ~ (856) 931-5265 Fax
Analyst: JJP

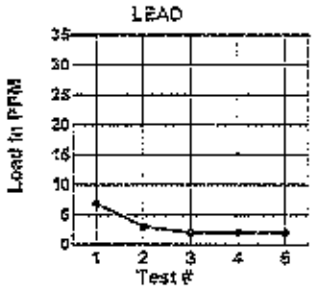
UNIT/SYSTEM	243	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

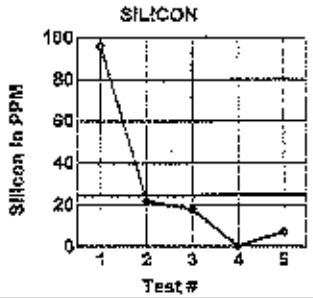
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15H012487	08/10/2015	08/18/2015	119229	6031	5	1	35	935	1201	0	1438	1120
R15K013654	10/07/2015	10/20/2015	125269	6040	0	0	34	833	1248	0	974	1457
R15M021622	12/14/2015	12/30/2015	130917	5648	0	1	53	863	1199	5	1217	1319
R16C018322	03/08/2016	03/24/2016	136728	5811	0	0	51	915	1159	0	1098	1243
R16F000325	05/13/2016	06/01/2016	142776	6048	0	0	64	1122	1090	2	1152	1312

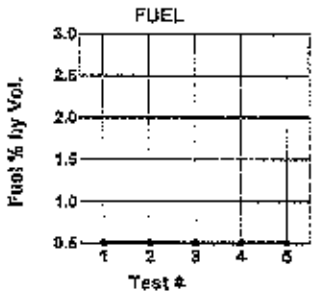
Elemental Analysis values in Parts Per Million by weight / Oil Quality

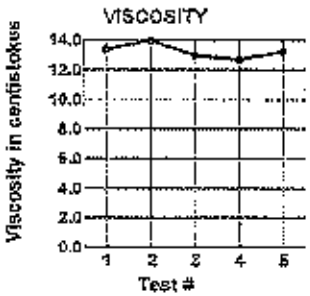
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15H012487	5	154	3	20	7	8	6	1	0	2	15	2	86	0.05	0.50	40W	0.00	0.00	<50%	N	13.37
	TRACE METALS NORMAL. LUBE CONTAMINANTS SILICON CRITICAL & EXCESSIVE. RECOMMEND DRAIN OIL IF NOT DRAINED, RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
2	R15K013654	1	36	4	10	3	4	4	1	0	3	15	1	22	0.05	0.60	40W	0.00	0.00	<50%	N	13.98
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R15M021622	1	26	5	6	2	1	2	0	0	3	12	2	18	0.05	0.60	40W	0.00	0.00	<50%	N	12.99
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16C018322	1	25	3	3	2	2	3	1	0	3	9	1	0	0.05	0.50	40W	0.00	0.00	0.50	N	12.70
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16F000325	1	31	1	3	2	2	2	0	0	3	8	2	7	0.05	0.60	40W	0.00	0.00	<50%	N	13.25
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











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ANA LABORATORIES, INC.

TEST REPORT

130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: MWP

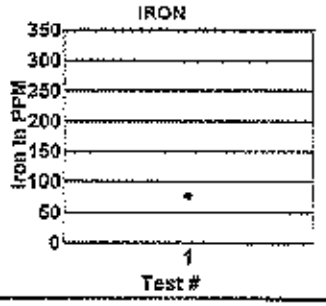
UNIT/SYSTEM	243	TRANS
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CASTROL TRANS	
SYS MODEL	VOITH A3UT2R2	

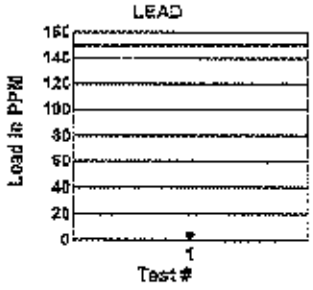
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives: Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15M021626	12/14/2015	12/30/2015	130917	0	0	1	1	10	156	6	567	35

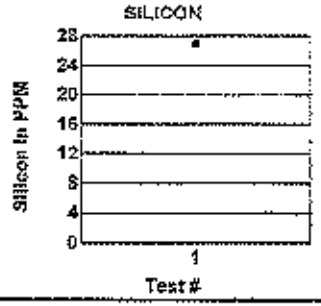
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15M021626	1	77	2	88	4		4	0	0	1	16	266	27	0.05	0.00		0.06	0.00	<50%	N	6.99
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2																						
3																						
4																						
5																						

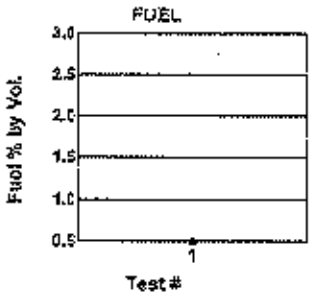
Elemental Analysis values in Parts Per Million by weight

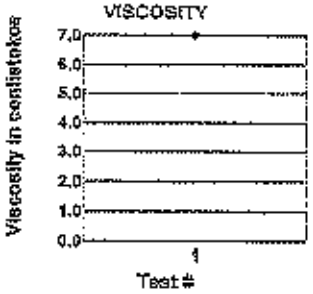
Oil Quality











Computer ID: FGAFTRMN
FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT

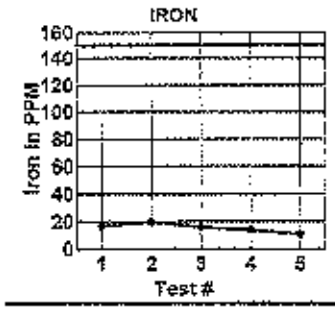
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: JJP

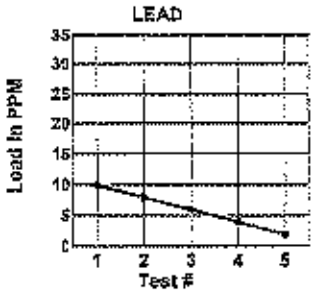
UNIT/SYSTEM	244	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

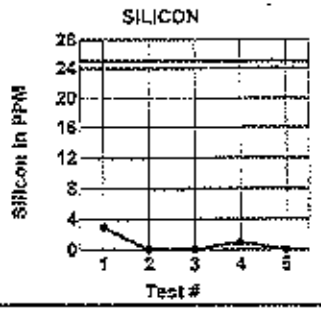
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15H021374	08/13/2015	08/28/2015	140061	5641	0	0	32	873	1051	0	1130	1527
R15L008134	10/30/2015	11/11/2015	145032	4971	0	1	30	845	1113	0	938	1182
R16B006096	01/13/2016	02/09/2016	150742	5710	0	1	50	978	1020	0	1066	1352
R16D007480	03/24/2016	04/12/2016	156411	5669	0	1	57	1035	1007	6	1160	1514
R16F015139	06/07/2016	06/18/2016	162330	5919	0	0	44	736	1196	0	853	1407

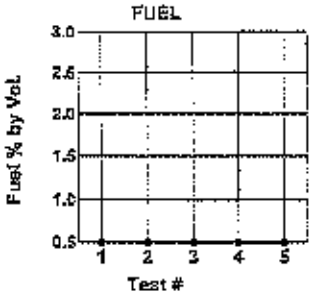
Elemental Analysis values in Parts Per Million by weight — Oil Quality

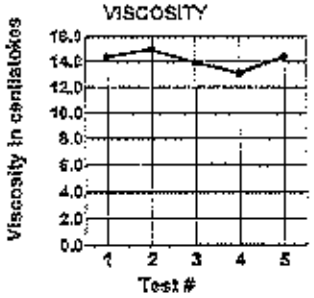
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15H021374	1	17	0	5	10	0	0	1	0	1	12	1	3	0.05	0.60	40W	0.00	0.00	<50%	N	14.08
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL																					
2	R15L008134	1	20	0	3	2	0	0	0	0	1	18	12	0	0.05	0.60	40W	0.00	0.00	<50%	N	14.56
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL																					
3	R16B006096	1	15	0	3	0	0	0	0	0	1	5	0	0	0.05	0.40	40W	0.00	0.00	<50%	N	13.91
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL																					
4	R16D007480	1	14	0	3	4	0	0	0	0	1	5	1	1	0.05	0.30	40W	0.00	0.00	<50%	N	15.09
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL																					
5	R16F015139	1	11	0	2	2	0	1	0	0	0	6	3	0	0.05	0.50	40W	0.00	0.00	<50%	N	14.38
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL																					











Computer ID: FGAFTRMN
FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

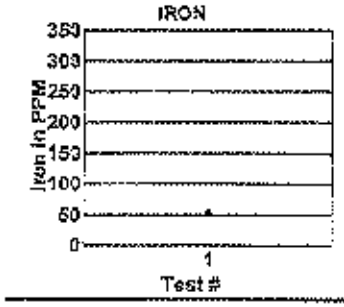
TEST REPORT

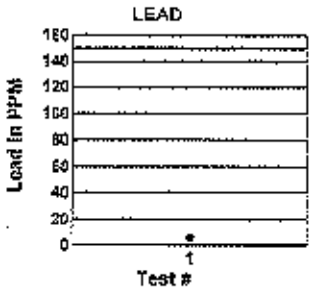
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 - (856) 931-5205 Fax
Analyst: RBR

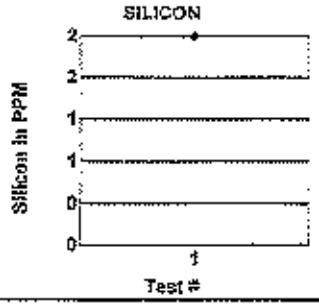
UNIT/SYSTEM	244	TRANS
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CASTROL TRANSYND	
SYS MODEL		

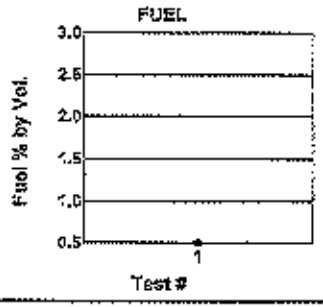
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives							
					Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15L006112	10/30/2015	11/09/2015	145032	40597	0	0	0	0	96	0	375	8

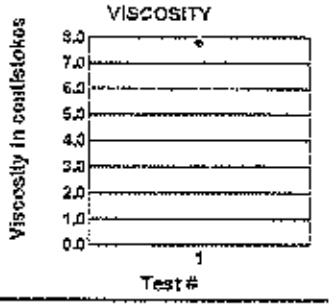
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
			Elemental Analysis values in Parts Per Million by weight												Oil Quality							
1	R15L006112	1	57	2	30	5	3	3	1	0	0	4	155	2	0.05	0.00%		0.60	0.00	<.50%	N	7.79
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2																						
3																						
4																						
5																						











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4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

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ANA LABORATORIES, INC.

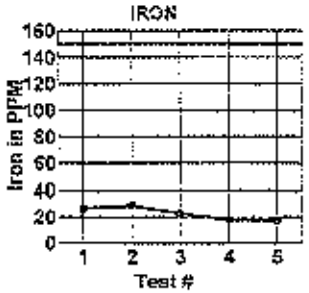
TEST REPORT
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 - (856) 931-5205 Fax
Analyst: RBR

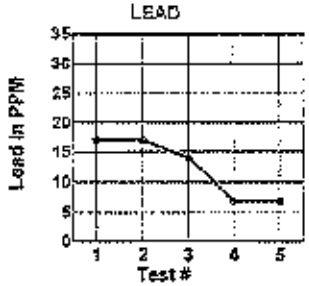
UNIT/SYSTEM	245	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

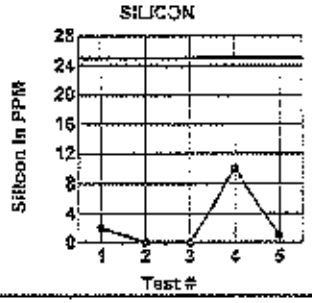
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15G016533	07/07/2015	07/23/2015	121414	5654	2	1	40	959	1278	0	1231	1374
R15J001129	08/25/2015	09/01/2015	127132	5718	0	0	32	883	1276	0	1295	1159
R15K017690	10/14/2015	10/26/2015	133042	5910	0	0	34	835	1253	0	1220	1278
R16A002232	12/18/2015	01/06/2016	138310	5274	0	0	40	654	1209	0	1125	1401
R16C016602	03/01/2016	03/22/2016	143955	5639	0	0	50	978	1226	0	1143	1252

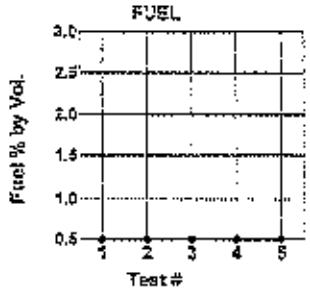
Elemental Analysis values in Parts Per Million by weight / Oil Quality

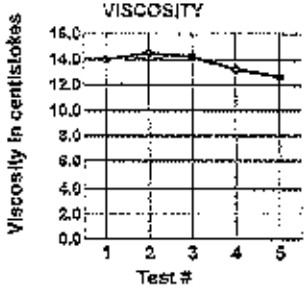
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15G016533	1	27	0	4	17	1	7	0	0	2	12	2	2	0.05	0.50	40W	0.00	0.00	<50%	N	14.00
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R15J001129	1	29	0	3	17	0	2	0	0	1	10	0	0	0.05	0.60	40W	0.00	0.00	<50%	N	14.48
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R15K017690	1	23	0	5	14	1	3	1	0	2	14	2	0	0.05	1.00	40W	0.00	0.00	<50%	N	14.21
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16A002232	1	18	0	3	7	0	1	1	0	1	4	1	10	0.05	0.50	40W	0.00	0.00	<50%	N	13.23
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16C016602	1	17	0	4	7	0	1	0	0	2	9	1	1	0.05	0.60	40W	0.00	0.00	<50%	N	12.64
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

2

ANA LABORATORIES, INC.

TEST REPORT
130-B Harding Avenue, Belimawr, New Jersey
(800) 648-2625 - (856) 931-5205 Fax
Analyst: MWP

UNIT/SYSTEM 245
UNIT MAKE GILLIG
UNIT MODEL LOW FLOOR
FLUID NONE PROVIDED
SYS MODEL

TRANS

Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil
R15D006520	03/31/2015	04/09/2015	110022	44936

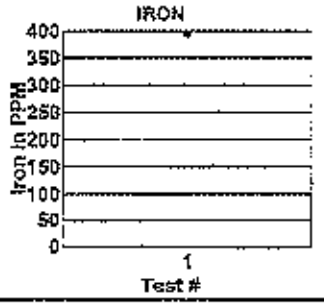
Oil Additives

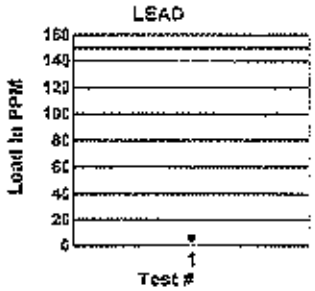
Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
0	1	4	4	104	0	425	17

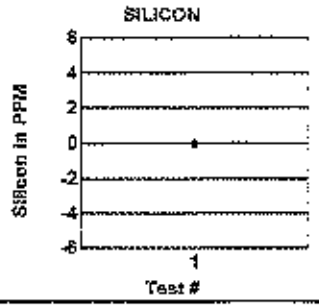
Elemental Analysis values in Parts Per Million by weight / **Oil Quality**

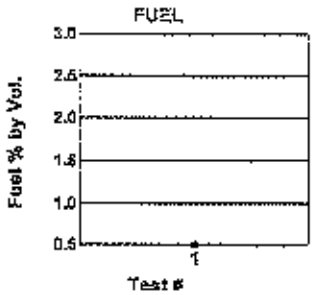
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15D006520	2	395	3	163	6	10	4	0	1	2	6	217	0	0.05	0.00		0.00	0.00	<.50%	N	7.08
2																						
3																						
4																						
5																						

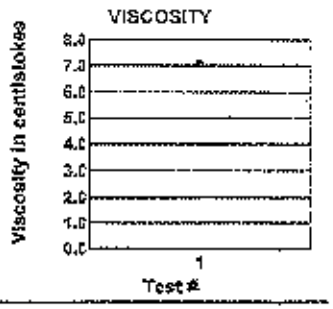
TRACE METAL(S) IRON MILDLY ABOVE NORMAL, LUBE CONTAMINANTS-NORMAL, FOLLOW ESTABLISHED MAINTENANCE PROCEDURES.











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4300 E RIVER RD. - NE
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1

ANA LABORATORIES, INC.

TEST REPORT

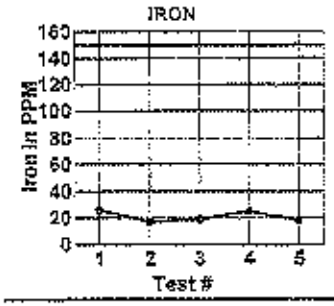
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: JJP

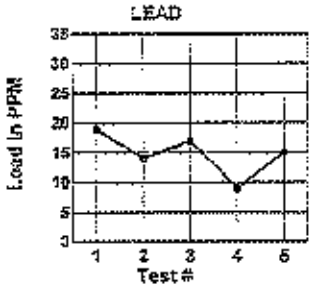
UNIT/SYSTEM	246	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX SUPER 1540	
SYS MODEL	CUMMINS ISL	

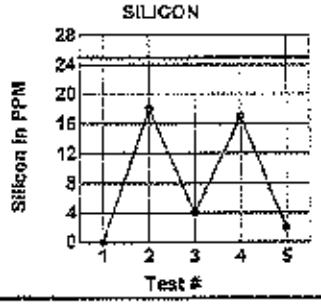
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15H012485	08/06/2015	08/18/2015	375715	5956	1	1	34	857	1235	0	1280	1297
R15K002918	09/21/2015	10/05/2015	381725	6010	0	0	25	764	1144	0	1109	1289
R15L017895	11/12/2015	11/24/2015	387673	5948	0	0	31	783	1230	0	1017	1366
R16C004608	02/11/2016	03/07/2016	393563	5890	0	0	48	1018	1089	2	1138	1379
R16E017763	05/05/2016	05/24/2016	399668	6105	0	0	41	1007	1151	0	897	1432

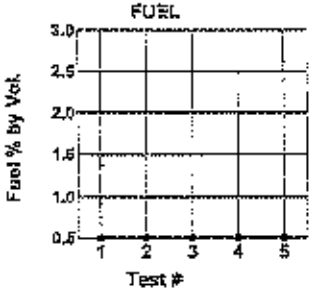
Elemental Analysis values in Parts Per Million by weight / Oil Quality

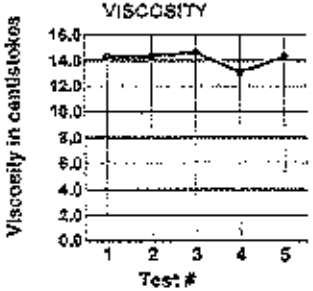
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15H012485	1	26	0	4	18	0	2	0	0	1	11	2	0	0.05	0.30	40W	0.00	0.00	<.50%	N	14.31
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R15K002918	1	17	0	4	14	0	0	1	0	1	12	1	18	0.05	0.60	40W	0.00	0.00	<.50%	N	14.35
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R15L017895	1	19	0	5	17	0	0	1	0	1	11	2	4	0.05	0.40	40W	0.00	0.00	<.50%	N	14.63
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16C004608	1	25	0	13	9	0	2	1	0	2	24	1	17	0.05	0.30	40W	0.00	0.00	<.50%	N	13.10
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16E017763	1	15	0	16	15	2	1	1	0	1	13	3	2	0.05	0.60	40W	0.00	0.00	<.50%	N	14.28
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











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1

ANA LABORATORIES, INC.

TEST REPORT

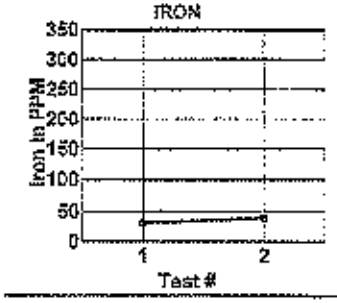
130-B Harding Avenue, Bellmawr, New Jersey
(800) 548-2625 ~ (856) 931-5205 Fax
Analyst: RBR

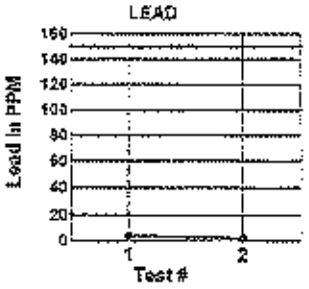
UNIT/SYSTEM 246 TRANS
UNIT MAKE GILLIG
UNIT MODEL LOW FLOOR
FLUID CASTROL TRANSYND
SYS MODEL

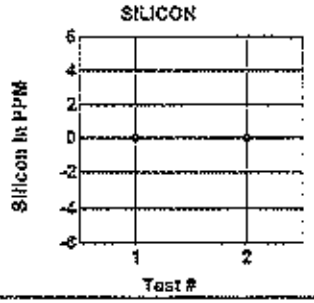
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R14L019021	11/13/2014	11/25/2014	345314	48391	0	0	0	4	90	8	413	52
R16C004612	02/11/2016	03/07/2016	393563	48249	0	0	0	0	130	0	461	4

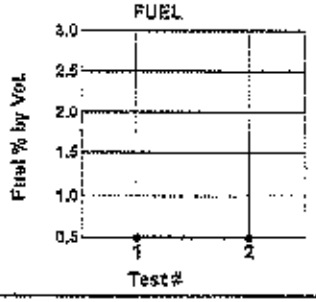
Elemental Analysis values in Parts Per Million by weight / Oil Quality

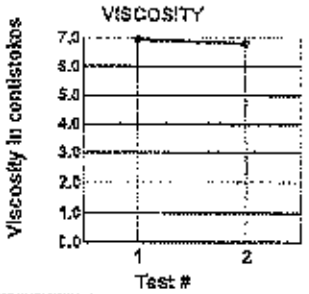
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R14L019021	1	31	2	53	4	5	3	0	0	0	3	197	0	0.05	0.00		0.00	0.00	<50%	N	6.94
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R16C004612	1	40	3	77	2	7	2	0	0	0	7	206	0	0.05	0.00		0.00	0.00	<50%	N	6.81
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3																						
4																						
5																						











Computer ID: FGAFTRMN
FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

2

ANA LABORATORIES, INC.

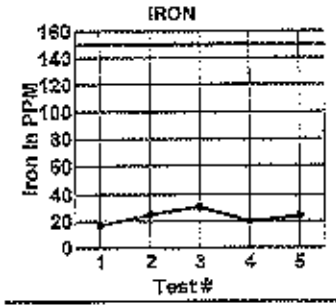
TEST REPORT

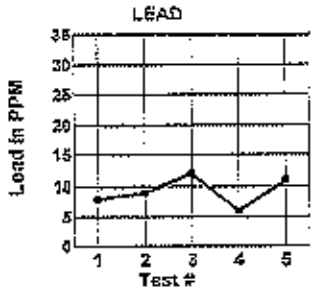
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 - (856) 931-5205 Fax
Analyst: JJP

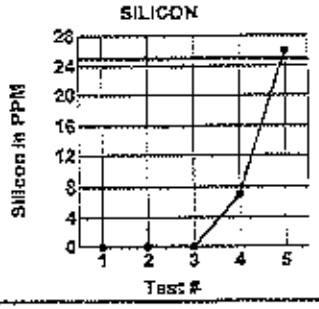
UNIT/SYSTEM	247	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

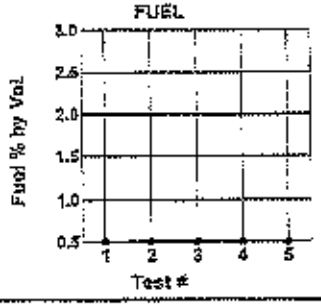
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15G010618	07/02/2015	07/15/2015	355685	6021	0	0	26	904	1229	0	848	1427
R15J011954	09/04/2015	09/16/2015	361739	6054	0	0	41	791	1096	0	1119	1289
R15M000323	11/13/2015	12/01/2015	367515	5776	0	2	47	965	1233	1	1204	1250
R16B016487	02/08/2016	02/22/2016	373519	6004	0	0	96	1199	1091	0	1180	1580
R16E009315	04/25/2016	05/13/2016	379499	5980	0	1	67	1251	1136	0	1050	1789

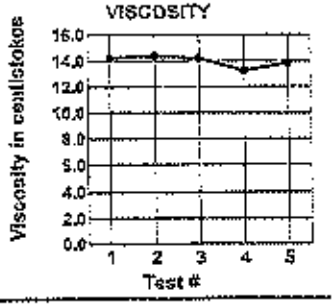
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
	Elemental Analysis values in Parts Per Million by weight														Oil Quality							
1	R15G010618	1	17	0	2	8	0	1	0	0	4	14	2	0	0.05	0.70	40W	0.00	0.00	<50%	N	14.24
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R15J011954	1	25	0	3	9	0	0	0	0	4	10	6	0	0.05	0.70	40W	0.00	0.00	<50%	N	14.35
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R15M000323	1	31	0	4	10	0	2	5	0	0	10	5	0	0.05	0.50	40W	0.00	0.00	<50%	N	14.21
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16B016487	1	20	0	4	6	0	0	0	0	2	9	2	7	0.05	0.40	40W	0.00	0.00	<50%	N	15.28
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16E009315	2	24	0	4	11	3	1	1	0	2	8	2	26	0.05	0.40	40W	0.00	0.00	<50%	N	13.83
	TRACE METALS, NORMAL LUBE CONTAMINANTS SILICON MILDLY ABOVE NORMAL. DRAIN OIL AS PRECAUTION IF NOT DONE. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					











Computer ID: FGAFTRMN
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ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT

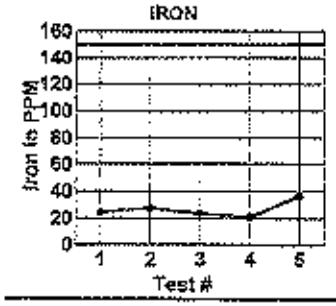
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: JJP

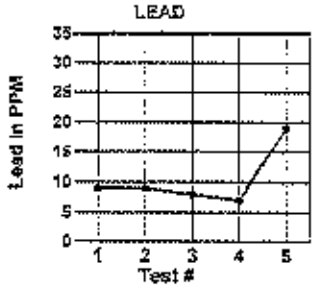
UNIT/SYSTEM	248	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1546	
SYS MODEL	CUMMINS ISL	

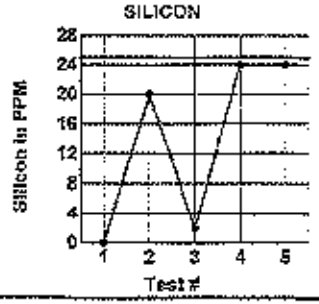
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15J014565	09/15/2015	09/21/2015	367920	5706	0	0	40	865	1205	0	1237	1445
R15L011795	11/03/2015	11/16/2015	373735	5815	1	1	46	961	1312	0	1276	1567
R16B006097	01/08/2016	02/09/2016	379813	6078	0	1	59	1088	1149	0	1121	1503
R16D008169	03/28/2016	04/12/2016	385724	5911	0	0	35	914	963	0	1062	1235
R16F013062	05/02/2016	06/16/2016	391831	6107	1	1	62	1200	1160	0	1489	1405

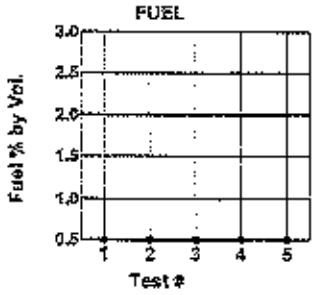
Elemental Analysis values in Parts Per Million by weight / Oil Quality

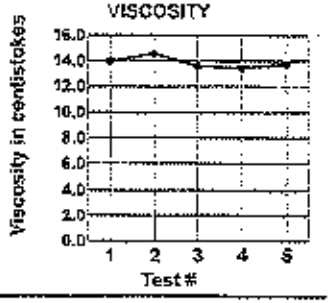
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15J014565	1	25	1	4	9	0	2	0	0	2	11	2	8	0.05	0.50	40W	0.00	0.00	<50%	N	13.98
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL																					
2	R15L011795	1	28	1	3	9	0	2	0	0	2	10	2	20	0.05	0.60	40W	0.00	0.00	<50%	N	14.57
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL																					
3	R16B006097	1	24	1	12	8	0	1	0	0	2	7	2	2	0.05	0.40	40W	0.00	0.00	<50%	N	13.60
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL																					
4	R16D008169	1	21	1	15	8	1	1	0	1	20	1	24	0.05	0.40	40W	0.00	0.00	<50%	N	15.44
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL																					
5	R16F013062	1	37	1	19	18	0	2	1	0	2	8	6	24	0.05	0.50	40W	0.00	0.00	<50%	N	13.75
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL																					











Computer ID: FGAFTRMN
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4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT
130-E Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: MWP

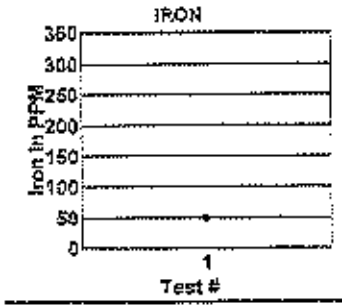
UNIT/SYSTEM 248 TRANS
UNIT MAKE GILLIG
UNIT MODEL LOW FLOOR
FLUID NONE PROVIDED
SYS MODEL

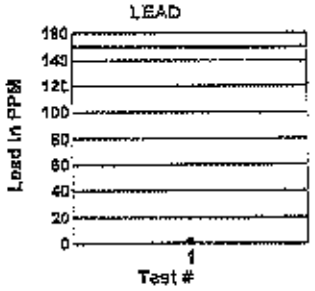
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15J014566	09/15/2015	09/21/2015	367920	48516	0	0	0	0	145	0	531	10

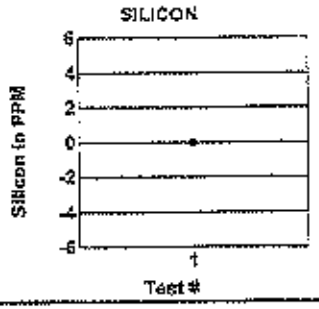
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15J014566	1	50	2	59	12	8		0	8	0	7	213	0	0.05	0.00		0.00	0.00	<50%	N	6.37
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE ON NEXT SCHEDULED INTERVAL																					
2																						
3																						
4																						
5																						

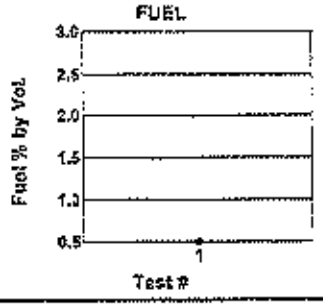
Elemental Analysis values in Parts Per Million by weight

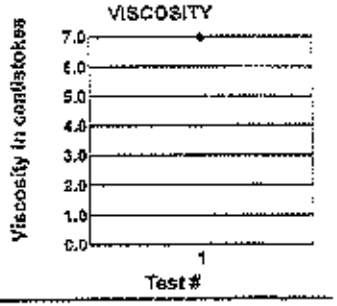
Oil Quality











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FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT

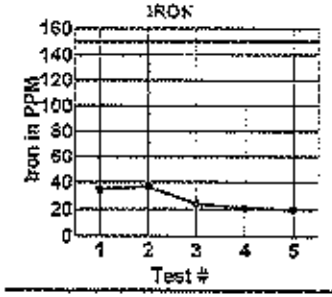
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 - (856) 931-5205 Fax
Analyst: MWP

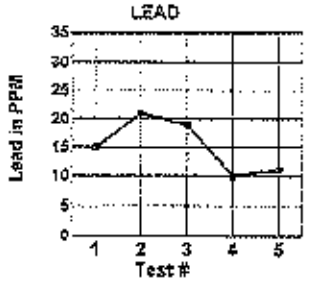
UNIT/SYSTEM	249	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX SUPER 1540	
SYS MODEL	CUMMINS ISL	

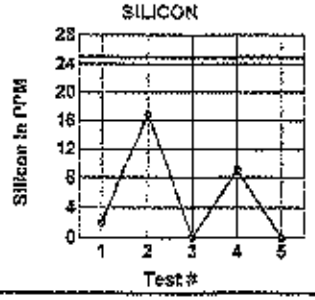
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15E017991	05/14/2015	05/22/2015	287743	6166	1	1	59	1100	1319	4	1426	1563
R15H012486	08/07/2015	08/18/2015	293834	6091	1	1	43	1022	1280	0	1470	1284
R15L001620	10/21/2015	11/03/2015	299947	6113	0	1	28	820	1317	0	1273	1394
R16B016445	01/20/2016	02/22/2016	305978	6031	0	1	79	1106	1086	0	1134	1522
R16D021332	04/11/2016	04/28/2016	312009	6031	0	0	46	834	982	7	1156	1095

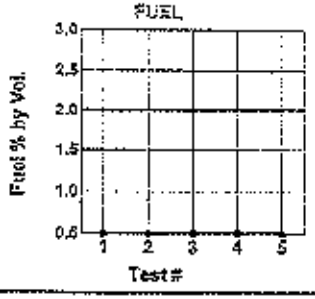
Elemental Analysis values in Parts Per Million by weight / Oil Quality

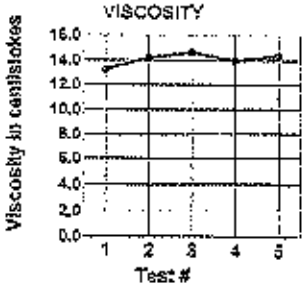
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15E017991	1	35	0	4	15	0	1	1	0	1	9	9	2	0.05	0.50	40W	0.00	0.00	<.50%	N	13.28
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R15H012486	1	37	0	6	21	0	2	0	0	2	11	2	17	0.05	0.50	40W	0.00	0.00	<.50%	N	14.21
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R15L001620	1	24	0	6	19	0	1	2	0	1	13	1	0	0.05	0.50	40W	0.00	0.00	<.50%	N	14.67
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16B016445	1	21	0	4	10	0	1	0	0	2	10	2	9	0.05	0.40	40W	0.00	0.00	<.50%	N	13.97
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16D021332	1	20	0	4	11	0	0	1	0	2	8	1	0	0.05	0.50	40W	0.00	0.00	<.50%	N	14.36
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











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ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT

130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: RBR

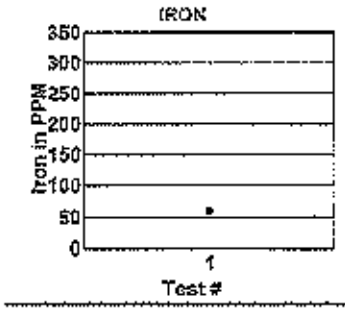
UNIT/SYSTEM	249	TRANS
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CASTROL TRANSYND	
SYS MODEL		

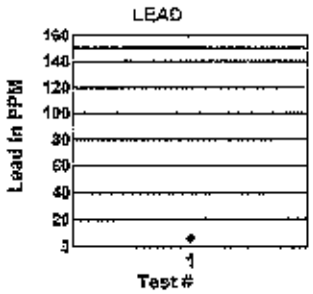
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives: Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R16B016448	01/20/2016	02/22/2016	305978	48668	0	1	0	1	148	5	414	41

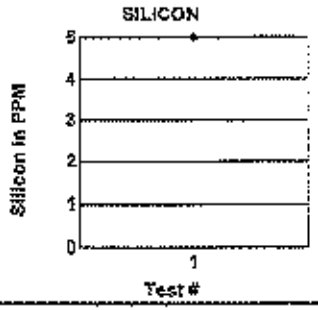
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R16B016448	111	150	3	137	6	10	4	0	0	1	1	224	3	0.05	0.00		0.00	0.00	<50%	N	6.46
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL																					
2																						
3																						
4																						
5																						

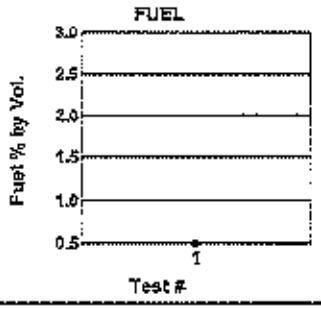
Elemental Analysis values in Parts Per Million by weight

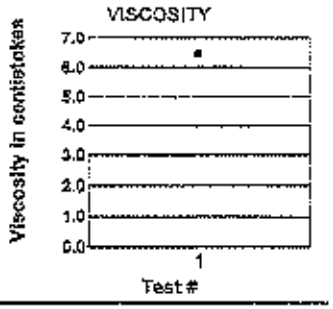
Oil Quality











Computer ID: FGAFTRMN
FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT

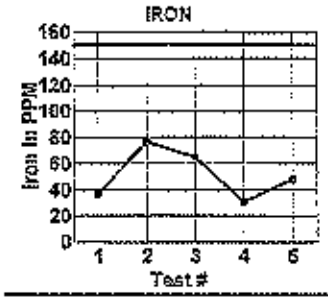
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5206 Fax
Analyst: MWP

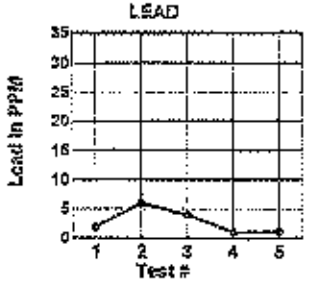
UNIT/SYSTEM	250	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

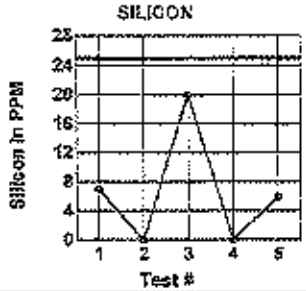
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15E000958	04/24/2015	05/01/2015	178266	0	0	0	30	582	1156	2	1033	1079
R15G023085	07/14/2015	07/30/2015	183995	5729	1	0	42	681	681	0	1131	1299
R15K015147	10/14/2015	10/21/2015	189644	5949	122	1	47	618	1309	0	973	1268
R16A015909	12/30/2015	01/26/2016	195476	5832	0	0	55	744	1266	0	857	1078
R16D007633	03/25/2016	04/12/2016	201319	5843	0	0	59	992	1103	16	1080	1308

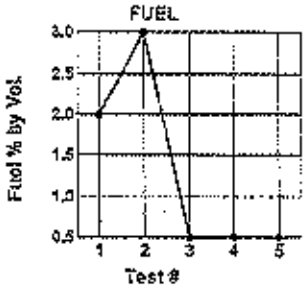
Elemental Analysis values in Parts Per Million by weight / Oil Quality

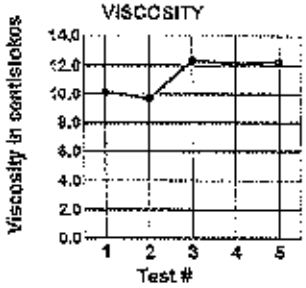
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15E000958	2	37	0	3	2	0	1	1	0	2	14	3	7	0.05	0.80	30W	0.00	0.00	2.00	N	10.17
	TRACE METAL(S) -NORMAL. LUBE CONTAMINANTS FUEL DILUTION, CHECK FOR LEAKING INJECTORS. MILDLY ABOVE NORMAL. VISCOSITY LOW RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
2	R15G023085	3	77	0	3	6	0	3	0	0	3	9	3	0	0.05	0.70	30W	0.00	0.00	3.00	N	9.69
	TRACE METAL(S) -NORMAL. LUBE CONTAMINANTS FUEL DILUTION, CHECK FOR LEAKING INJECTORS. MODERATELY HIGH. VISCOSITY LOW RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
3	R15K015147	3	65	0	8	4	1	4	0	0	3	63	3	20	0.05	0.80	30W	0.00	0.00	0.20	P	12.37
	TRACE METAL(S) -NORMAL. LUBE CONTAMINANTS GLYCOL-POSITIVE MODERATELY HIGH. VISCOSITY LOW RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
4	R16A015909	1	31	0	12	1	0	1	0	0	2	225	3	0	0.05	0.60	30W	0.00	0.00	0.30	N	12.12
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL. THE VISCOSITY GRADE DOES NOT MATCH THE INFORMATION PROVIDED. PLEASE VERIFY VISCOSITY GRADE.																					
5	R16D007633	1	46	0	6	1	0	0	0	0	3	31	1	6	0.05	0.60	30W	0.00	0.00	0.30	N	12.25
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











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ANA LABORATORIES, INC.

TEST REPORT
130-B Harding Avenue, Bellmawr, New Jersey
(800) 948-2625 ~ (856) 931-5205 Fax
Analyst: MWP

UNIT/SYSTEM	250	TRANS
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CASTROL TRANSYND	
SYS MODEL		

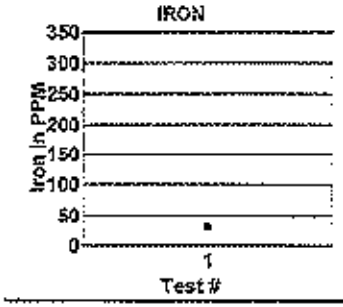
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil
R15E000793	04/24/2015	05/01/2015	178266	47521

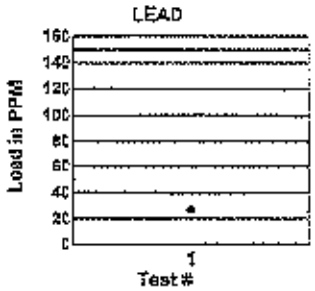
Oil Additives

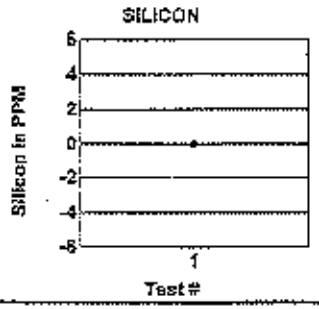
Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
2	1	0	2	37	0	339	7

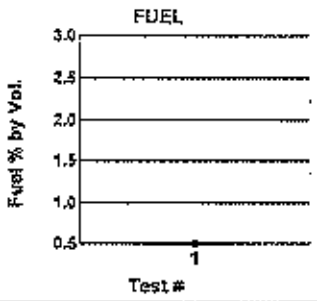
Elemental Analysis values in Parts Per Million by weight / **Oil Quality**

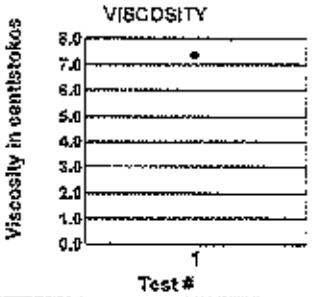
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15E000793	1	31	1	77	27	2	4	0	0	1	22	127	0	0.05	0.00		0.00	0.00	<50%	N	7.36
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL																					
2																						
3																						
4																						
5																						











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ROCHESTER, MN 55906
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ANA LABORATORIES, INC.

TEST REPORT

130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 – (856) 931-5206 Fax

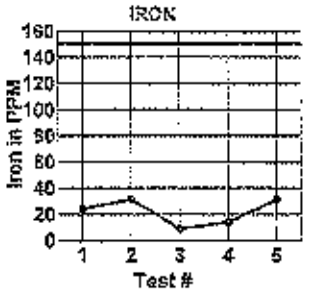
Analyst: JJP

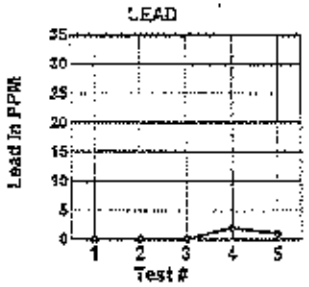
UNIT/SYSTEM	251	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

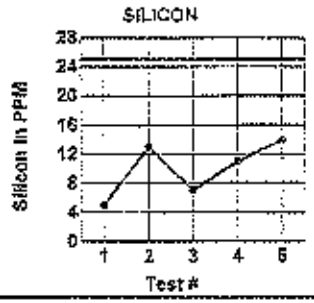
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15C006242	02/23/2015	03/10/2015	23044	5868	0	0	30	516	993	0	764	1002
R15E015566	05/08/2015	05/19/2015	29425	6381	3	1	41	665	1063	0	1141	1193
R15H000165	07/16/2015	08/03/2015	179015	5952	1	0	38	642	931	0	1207	1054
R15K010615	10/01/2015	10/15/2015	182742	3727	0	1	31	634	1047	0	1004	1177
R16E011228	04/25/2016	05/16/2016	188571	5829	0	0	38	1008	1318	0	1045	1491

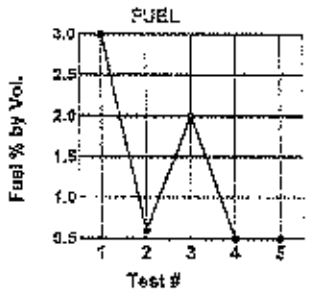
Elemental Analysis values in Parts Per Million by weight / Oil Quality

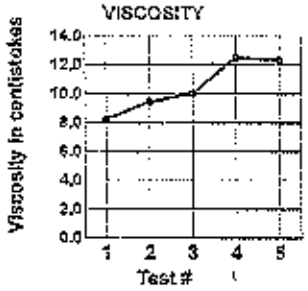
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15C006242	3	24	0	5	0	0	1	0	0	2	29	2	5	0.05	0.80	20W	0.00	0.00	3.00	N	8.20
	TRACE METAL(S) -NORMAL. LUBE CONTAMINANTS FUEL DILUTION, CHECK FOR LEAKING INJECTORS. MODERATELY HIGH. VISCOSITY LOW RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
2	R15E015566	3	32	0	2	0	0	1	0	0	2	11	6	13	0.05	0.70	30W	0.00	0.00	0.60	N	9.44
	TRACE METAL(S) -NORMAL. LUBE CONTAMINANTS VISCOSITY LOW RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
3	R15H000165	2	9	0	1	0	0	3	0	0	1	7	1	7	0.05	0.20	30W	0.00	0.00	2.00	N	10.02
	TRACE METAL(S) -NORMAL. LUBE CONTAMINANTS FUEL DILUTION, CHECK FOR LEAKING INJECTORS. MILDLY ABOVE NORMAL VISCOSITY LOW RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
4	R15K010615	1	14	0	3	2	2	1	1	0	1	12	1	11	0.05	0.30	40W	0.00	0.00	<.50%	N	12.50
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16E011228	1	32	0	4	1	0	1	0	0	2	14	2	14	0.05	0.50	30W	0.00	0.00	0.20	N	12.35
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











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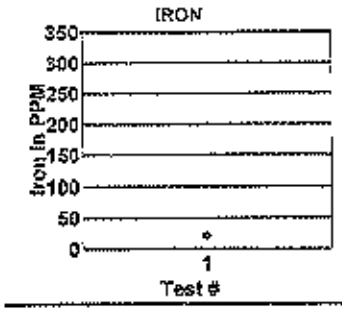
TEST REPORT

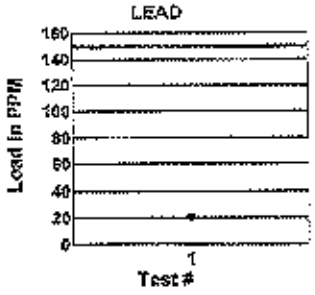
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: MWP

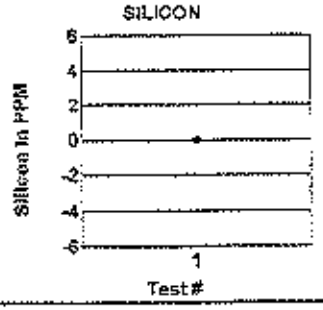
UNIT/SYSTEM	251	TRANS
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CASTROL TRANSYND	
SYS MODEL		

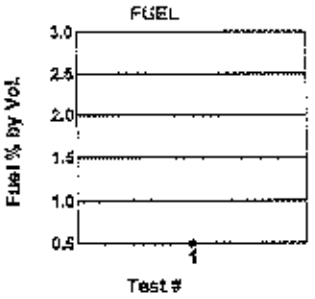
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives: Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R14M008262	11/25/2014	12/09/2014	17176	53857	1	0	0	7	79	0	238	44

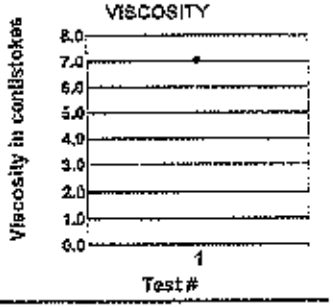
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R14M008262		21	2	95	21	9	12	0	0	0	4	114	0	0.05	0.00		0.00	0.00	<5%	IN	7.06
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2																						
3																						
4																						
5																						











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TEST REPORT

130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 - (856) 931-5205 Fax

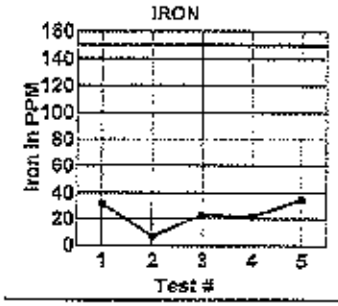
Analyst: JJP

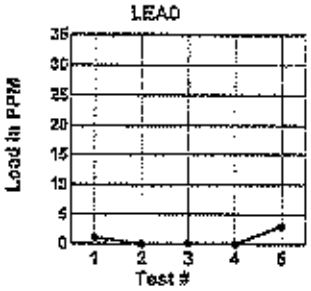
UNIT/SYSTEM	252	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

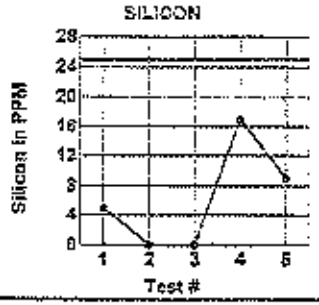
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15H017752	08/13/2015	08/25/2015	32194	6020	0	0	34	580	908	0	1003	1142
R15L005682	10/27/2015	11/09/2015	38109	5915	0	0	32	798	1207	0	1265	1348
R16A018412	01/04/2016	01/29/2016	43883	5774	1	1	49	810	1089	0	993	1305
R16D001370	03/22/2016	04/04/2016	49601	5718	0	0	45	1140	1139	0	932	1416
R16F011826	06/01/2016	06/15/2016	55551	5950	57	1	61	1012	1137	0	1239	1265

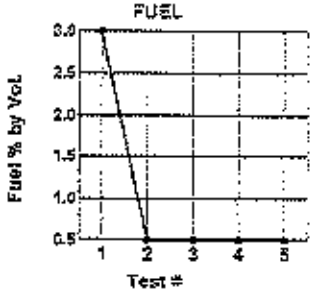
Elemental Analysis values in Parts Per Million by weight / Oil Quality

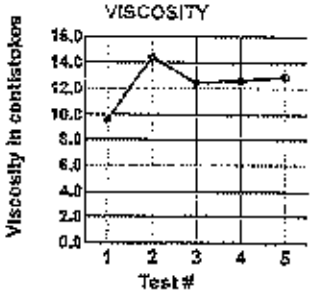
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15H017752	3	32	0	2	1	0	1	0	0	2	12	1	5	0.05	0.40	30W	0.00	0.00	3.00	N	9.61
	TRACE METAL(S) -NORMAL. LUBS CONTAMINANTS FUEL DILUTION, CHECK FOR LEAKING INJECTORS. MODERATELY HIGH. VISCOSITY LOW RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
2	R15L005682	1	7	0	1	0	0	0	1	0	1	10	2	0	0.05	0.30	40W	0.00	0.00	<50%	N	14.44
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R16A018412	1	23	0	2	0	0	3	0	0	1	5	1	0	0.05	0.70	30W	0.00	0.00	0.20	N	12.48
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16D001370	1	22	0	3	0	1	1	0	0	3	18	1	17	0.05	0.50	40W	0.00	0.00	<50%	N	12.61
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16F011826	1	35	0	2	2	0	3	0	0	2	20	4	9	0.05	0.60	40W	0.00	0.00	<50%	N	12.92
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











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FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

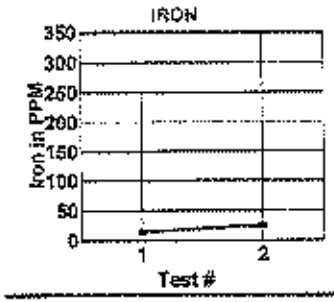
TEST REPORT
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 – (856) 931-5206 Fax
Analyst: RBR

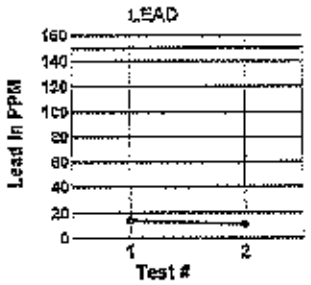
UNIT/SYSTEM	252	TRANS
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CASTROL TRANSYND	
SYS MODEL	VOITH	

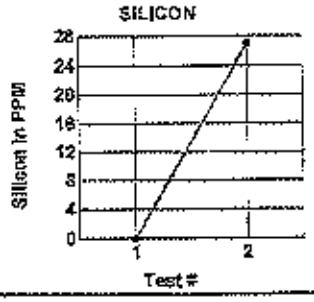
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R14K020909	10/13/2014	10/22/2014	2224	48307	1	1	0	0	35	0	314	6
R16D001375	03/22/2016	04/04/2016	49601	47377	0	2	0	2	177	0	274	11

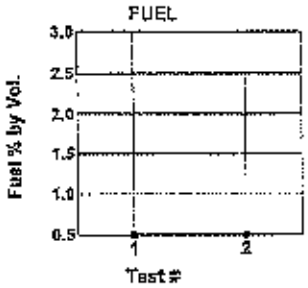
Elemental Analysis values in Parts Per Million by weight / Oil Quality

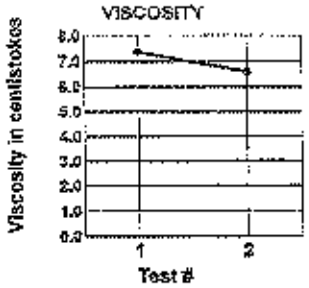
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R14K020909	1	14	0	64	14	7	2	0	0	0	1	118	0	0.05	0.00		0.00	0.00	<.50%	N	7.38
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R16D001375	1	26	2	181	11	12	2	1	0	1	10	172	27	0.05	0.00		0.00	0.00	<.50%	N	6.69
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3																						
4																						
5																						











Computer ID: FGAFTRMN
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ATTN: ROGER RITCHIE

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ANA LABORATORIES, INC.

TEST REPORT

130-E Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax

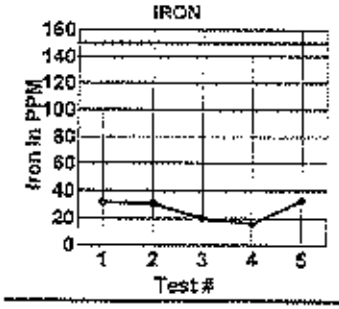
Analyst: JJP

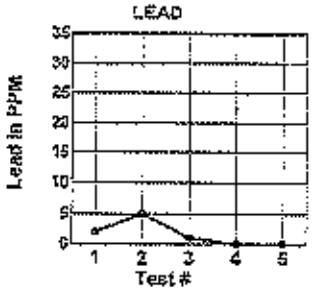
UNIT/SYSTEM	253	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

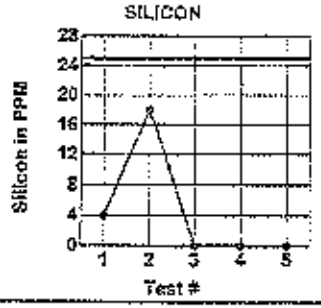
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15F017910	06/11/2015	06/19/2015	199356	5362	10	0	38	641	912	0	980	1023
R15H018840	08/17/2015	08/26/2015	205306	5950	0	1	36	770	1180	0	1081	1286
R15L001590	10/21/2015	11/03/2015	210898	5592	0	0	22	699	1235	0	1055	1223
R16A015912	12/31/2015	01/26/2016	215656	5768	0	0	32	786	1018	0	830	1115
R16E016514	04/29/2016	05/23/2016	218803	5940	6	0	52	983	836	0	1109	1065

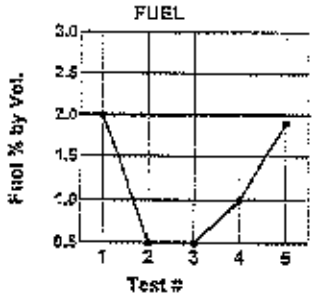
Elemental Analysis values in Parts Per Million by weight / Oil Quality

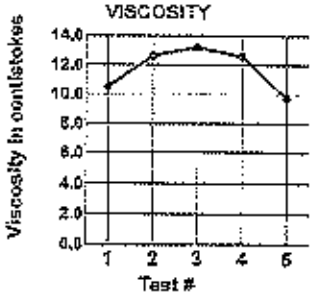
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15F017910	2	32	0	2	2	0	1	0	0	1	11	2	4	0.05	0.60	30W	0.00	0.00	2.00	N	10.52
	TRACE METAL(S) -NORMAL. LUBE CONTAMINANTS FUEL DILUTION, CHECK FOR LEAKING INJECTORS. MILDLY ABOVE NORMAL. VISCOSITY LOW RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
2	R15H018840	1	31	0	4	5	1	1	1	0	2	19	1	18	0.05	0.50	40W	0.00	0.00	<.50%	N	12.53
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R15L001590	1	20	0	2	1	0	0	2	0	1	16	1	0	0.05	0.40	40W	0.00	0.00	<.50%	N	13.25
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16A015912	1	16	0	3	0	0	0	0	0	1	14	1	0	0.05	0.00	40W	0.00	0.00	1.00	N	12.57
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16E016514	3	33	0	2	0	0	4	0	0	2	9	0	0	0.05	0.50	30W	0.00	0.00	1.90	N	9.74
	TRACE METAL(S) -NORMAL. LUBE CONTAMINANTS FUEL DILUTION, CHECK FOR LEAKING INJECTORS. VISCOSITY LOW . RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					











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ANA LABORATORIES, INC.

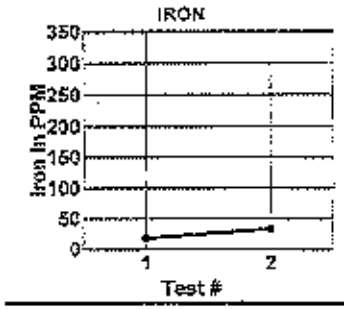
TEST REPORT
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: JJP

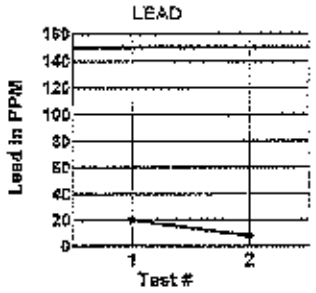
UNIT/SYSTEM	253	TRANS
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CASTROL TRANSYND ATF	
SYS MODEL		

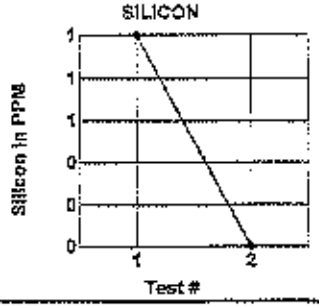
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R14L019883	11/12/2014	11/26/2014	176969	46797	0	0	1	13	58	0	206	24
R16E016516	04/29/2016	05/23/2016	218803	48080	0	0	0	0	107	0	481	8

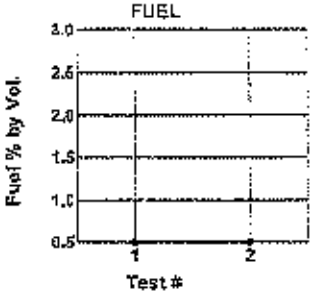
Elemental Analysis values in Parts Per Million by weight / Oil Quality

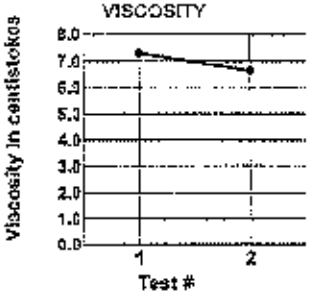
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R14L019883	1	18	1	170	20	7	2	0	0	0	5	123	1	0.05	0.00		0.00	0.00	<.50%	N	7.34
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS, RESAMPLE @ NEXT SCHEDULED INTERVAL																					
2	R16E016516	1	33	2	170	8	14	4	0	0	0	8	220	0	0.05	0.00		0.00	0.00	<.50%	N	6.65
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS, RESAMPLE @ NEXT SCHEDULED INTERVAL																					
3																						
4																						
5																						











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ANA LABORATORIES, INC.

TEST REPORT

130-B Harding Avenue, Bellmawr, New Jersey
(800) 548-2625 ~ (856) 931-5205 Fax

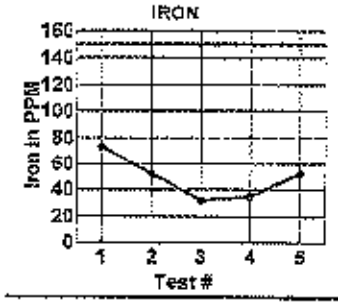
Analyst: JJP

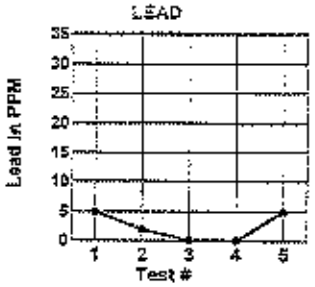
UNIT/SYSTEM	254	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

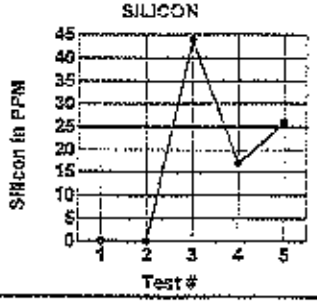
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15G023088	07/15/2015	07/30/2015	137557	5626	194	0	97	740	851	0	814	939
R15K013655	10/05/2015	10/20/2015	143572	6018	0	1	38	611	1045	0	938	1099
R15M017187	12/10/2015	12/22/2015	149181	5609	0	0	26	586	1087	0	907	1060
R16C018321	03/09/2016	03/24/2016	154851	5670	0	0	41	631	893	0	838	935
R16F010694	05/31/2016	06/14/2016	160677	5820	0	1	47	762	538	0	751	1063

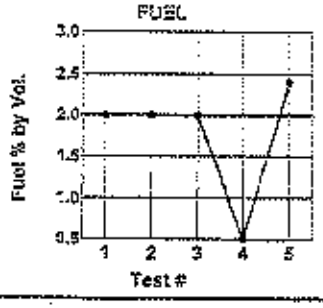
Elemental Analysis values in Parts Per Million by weight / Oil Quality

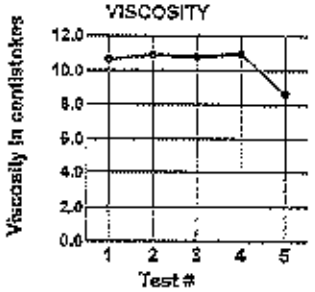
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15G023088	5	73	0	8	5	0	15	0	0	2	53	9	0	0.05	1.10	30W	0.00	0.00	2.00	P	10.64
	TRACE METAL(S) -NORMAL. LUBE CONTAMINANTS FUEL DILUTION, CHECK FOR LEAKING INJECTORS. MILDLY ABOVE NORMAL. GLYCOL-POSITIVE CRITICAL & EXCESSIVE. VISCOSITY LOW. RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
2	R15K013655	3	52	0	7	2	2	2	1	0	3	37	2	0	0.05	1.30	30W	0.00	0.00	2.00	P	10.92
	TRACE METAL(S) -NORMAL. LUBE CONTAMINANTS FUEL DILUTION, CHECK FOR LEAKING INJECTORS. MILDLY ABOVE NORMAL. GLYCOL-POSITIVE MODERATELY HIGH. VISCOSITY LOW. RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
3	R15M017187	3	32	0	4	0	0	0	0	0	2	18	2	44	0.05	1.20	30W	0.00	0.00	2.00	N	10.79
	TRACE METAL(S) -NORMAL. LUBE CONTAMINANTS FUEL DILUTION, CHECK FOR LEAKING INJECTORS. MILDLY ABOVE NORMAL. SILICON MODERATELY HIGH. VISCOSITY LOW. RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
4	R16C018321	1	35	0	2	0	0	0	0	0	2	11	4	17	0.05	1.10	30W	0.00	0.00	<.50%	N	10.99
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16F010694	3	52	1	2	5	3	1	1	0	4	9	2	26	0.05	1.70	20W	0.00	0.00	2.40	N	8.62
	TRACE METAL(S) -NORMAL. LUBE CONTAMINANTS SILICON MILDLY ABOVE NORMAL. FUEL DILUTION, CHECK FOR LEAKING INJECTORS. VISCOSITY LOW . DRAIN OIL AS PRECAUTION IF NOT DONE. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					











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4300 E RIVER RD. - NE
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ATTN: ROGER RITCHIE

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ANA LABORATORIES, INC.

TEST REPORT

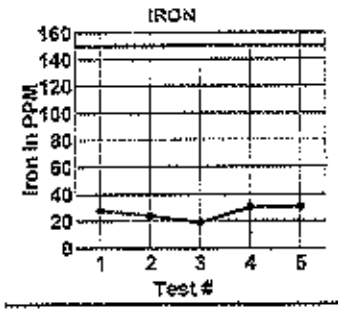
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: JJP

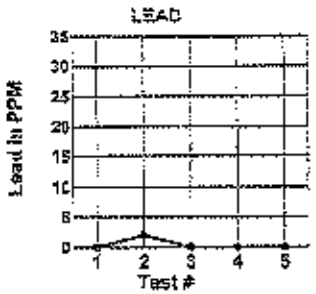
UNIT/SYSTEM	255	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

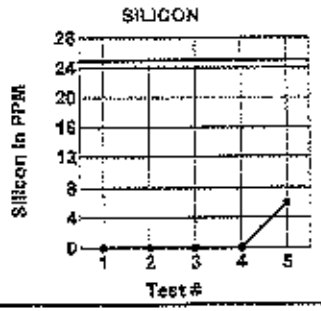
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives: Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15K007449	10/02/2015	10/09/2015	74525	5973	0	0	47	1021	1317	0	1163	1901
R15M000322	11/16/2015	12/01/2015	80692	6167	0	2	43	930	1229	3	1190	1212
R16B006095	01/14/2016	02/09/2016	86595	5903	0	0	51	1051	1081	0	1042	1479
R16D002203	03/22/2016	04/04/2016	92606	6011	0	0	70	1204	1229	0	1317	1620
R16F008623	05/20/2016	06/10/2016	98561	5955	1	0	84	1585	1411	0	1237	1986

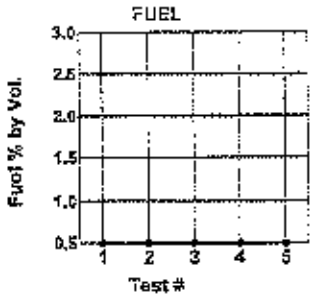
Elemental Analysis values in Parts Per Million by weight / Oil Quality

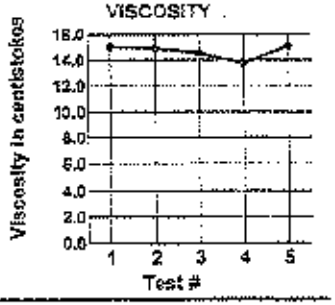
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15K007449	1	28	0	2	0	0	1	0	0	2	12	1	0	0.05	0.30	40W	0.00	0.00	<50%	N	15.05
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R15M000322	1	24	0	2	2	0	5	0	0	2	12	1	0	0.05	0.40	40W	0.00	0.00	<50%	N	14.94
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R16B006095	1	19	0	1	0	0	0	0	0	1	3	2	0	0.05	0.70	40W	0.00	0.00	<50%	N	14.54
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16D002203	1	30	0	1	0	0	0	0	0	1	8	1	0	0.05	0.60	40W	0.00	0.00	<50%	N	13.78
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16F008623	1	31	0	2	0	0	3	0	0	1	5	5	6	0.05	0.00	40W	0.00	0.00	<50%	N	15.11
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











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ATTN: ROGER RITCHIE

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ANA LABORATORIES, INC.

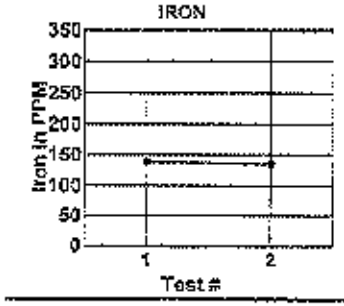
TEST REPORT
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5295 Fax
Analyst: JJP

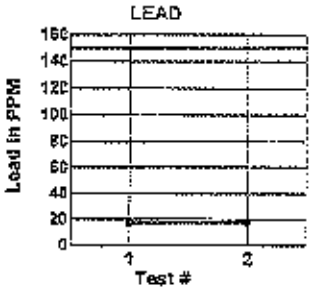
UNIT/SYSTEM	255	TRANS
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	NONE PROVIDED	
SYS MODEL		

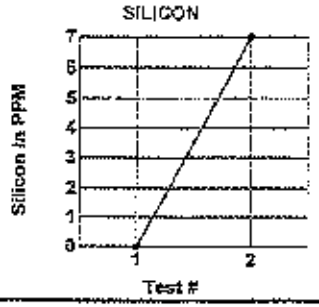
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15B009631	02/04/2015	02/11/2015	50325	50325	0	0	0	0	93	1	357	6
R16F010719	05/26/2016	06/14/2016	98561	48236	0	0	0	2	313	0	662	137

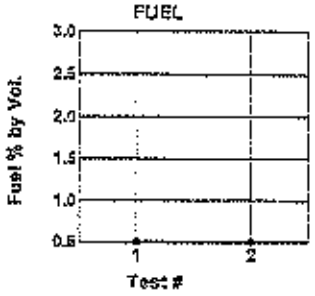
Elemental Analysis values in Parts Per Million by weight / Oil Quality

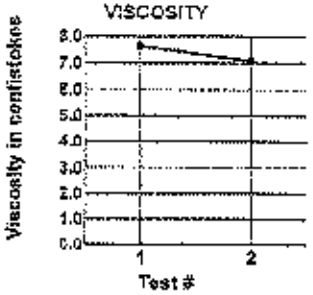
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15B009631	1	139	0	142	17	0	22	1	1	0	9	150	0	0.05	0.00		0.00	0.00	<50%	N	7.63
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R16F010719	1	135	0	345	18	0	21	0	0	0	14	181	7	0.05	0.00		0.00	0.00	<50%	N	7.08
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3																						
4																						
5																						











Computer ID: FGAFTRMN
FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT

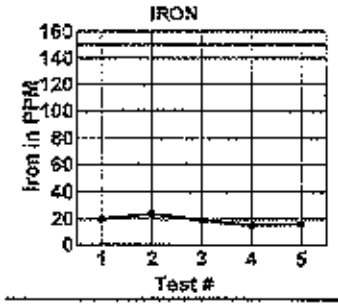
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: JJP

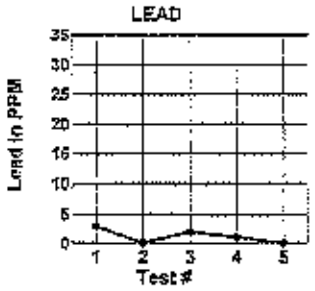
UNIT/SYSTEM	256	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LF	
FLUID	CENEX SUP 1540	
SYS MODEL	CUMMINS ISL	

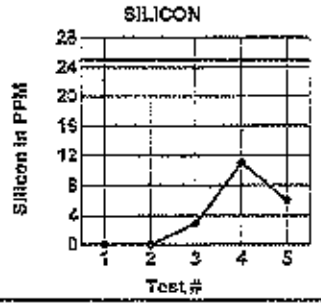
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives: Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15K015149	10/09/2015	10/21/2015	80128	6029	1	0	36	839	1280	0	1122	1675
R15M008284	11/25/2015	12/11/2015	86134	6006	1	0	46	807	1288	0	1146	1346
R16B020997	01/28/2016	02/26/2016	92222	6088	0	1	46	823	819	0	936	1066
R16D015193	04/05/2016	04/20/2016	98323	5813	0	0	42	1063	1039	0	908	1385
R16F022054	06/15/2016	06/28/2016	104406	6083	1	1	41	909	1076	0	1199	1269

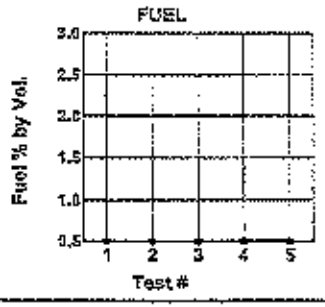
Elemental Analysis Values in Parts Per Million by weight / Oil Quality

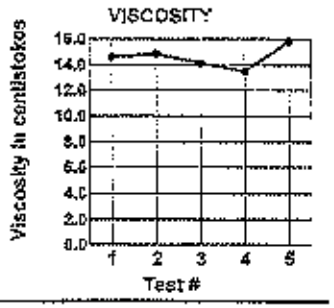
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15K015149	1	20	0	1	3	0	1	0	0	1	11	2	0	0.05	0.40	40W	0.00	0.00	<50%	N	14.63
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R15M008284	1	24	0	1	0	0	3	0	0	1	18	2	0	0.05	1.50	40W	0.00	0.00	<50%	N	14.04
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R16B020997	1	19	0	1	0	0	0	1	0	1	6	0	5	0.05	0.40	40W	0.00	0.00	<50%	N	14.16
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16D015193	1	15	0	1	1	0	0	1	0	1	10	1	11	0.05	0.70	40W	0.00	0.00	<50%	N	12.52
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16F022054	1	16	0	1	0	0	3	0	0	1	10	3	5	0.05	0.60	40W	0.00	0.00	<50%	N	15.82
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











Computer ID: FGAFTRMN
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ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT

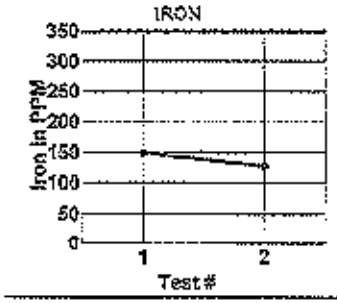
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 - (856) 931-5205 Fax
Analyst: MWP

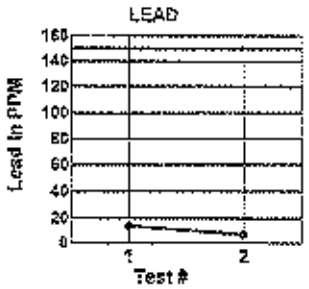
UNIT/SYSTEM	256	TRANS
UNIT MAKE	GILLIG	
UNIT MODEL	LF	
FLUID	CASTROL TRANSYND	
SYS MODEL	ALLISON B400R	

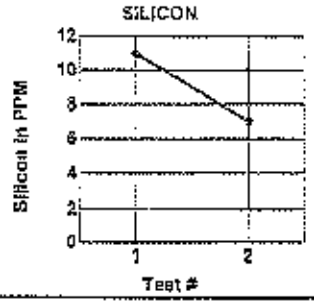
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15C009280	02/27/2015	03/12/2015	49994	47920	0	0	0	3	123	0	483	7
R16D015847	04/05/2016	04/21/2016	98323	48723	0	0	0	1	146	5	484	9

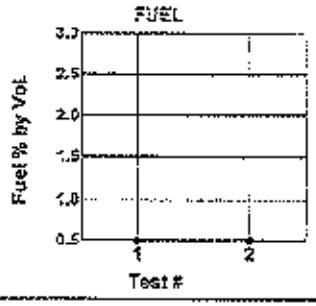
Elemental Analysis values in Parts Per Million by weight / Oil Quality

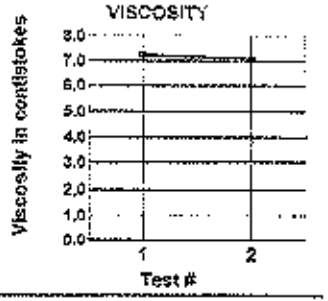
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15C009280	1	149	0	74	14	1	16	1	0	0	11	139	11	0.05	0.00		0.00	0.00	<.50%	N	7.24
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R16D015847	1	127	0	59	7	0	13	0	0	0	8	192	7	0.05	0.00		0.00	0.00	<.50%	N	7.08
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3																						
4																						
5																						











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4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

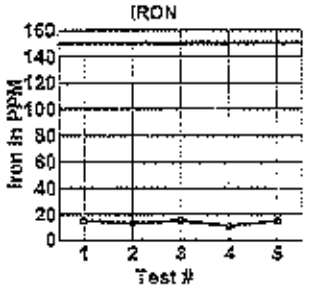
ANA LABORATORIES, INC.

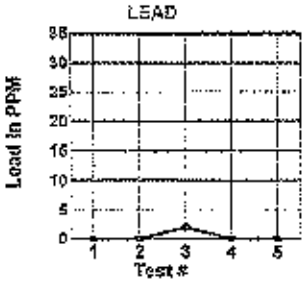
TEST REPORT
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: MWP

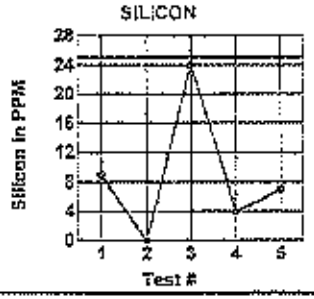
UNIT/SYSTEM	257	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LF	
FLUID	CENEX SUP 1540	
SYS MODEL	CUMMINS ISL	

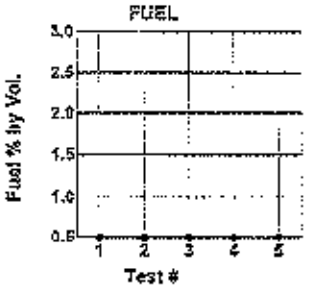
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives: Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15J010870	09/10/2015	09/15/2015	80876	6008	1	1	39	952	1099	0	1408	1283
R15L001846	10/25/2015	11/03/2015	86853	5982	0	0	30	800	1207	0	1240	1343
R15M021623	12/17/2015	12/30/2015	92394	6036	0	1	64	1008	1142	0	1145	1397
R16C004609	02/15/2016	03/07/2016	98949	6055	0	0	44	913	941	3	1058	1278
R16E003947	04/19/2016	05/06/2016	104894	5945	0	1	59	1112	1168	0	979	1405

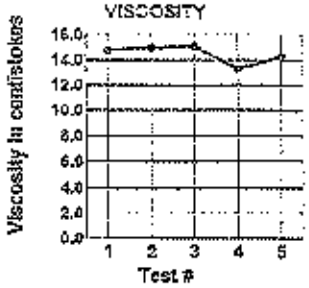
Test	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15J010870	1	15	0	2	0	0	2	0	0	1	11	1	9	0.05	0.40	40W	0.00	0.00	<.50%	N	14.80
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R15L001846	1	13	0	2	0	0	1	1	0	1	13	1	0	0.05	1.10	40W	0.00	0.00	<.50%	N	14.96
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R15M021623	1	15	0	2	2	2	1	0	0	2	13	2	24	0.05	0.50	40W	0.00	0.00	<.50%	N	15.08
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16C004609	1	11	0	1	0	0	0	0	0	1	9	1	4	0.05	0.30	40W	0.00	0.00	<.50%	N	13.32
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16E003947	1	15	0	2	0	0	4	0	0	1	9	3	7	0.05	0.30	40W	0.00	0.00	<.50%	N	14.26
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











Computer ID: FGAFTRMN
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55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

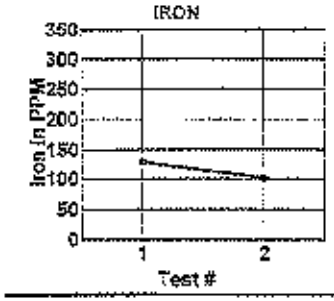
TEST REPORT
130-B Harding Avenue, Bellmawr, New Jersey
(800) 848-2625 ~ (856) 931-5205 Fax
Analyst: RBR

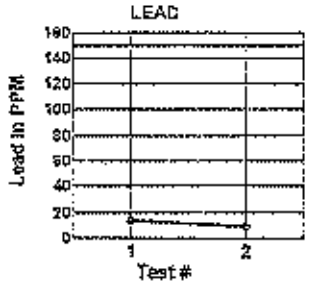
UNIT/SYSTEM	257	TRANS
UNIT MAKE	GILLIG	
UNIT MODEL	LF	
FLUID	CASTROL TRANSYND	
SYS MODEL	ALLISON B400R	

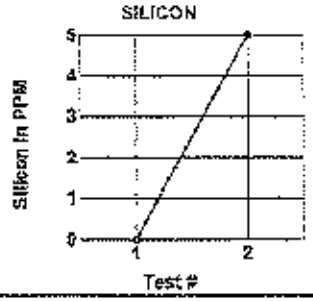
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives: Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15B021374	02/11/2015	02/25/2015	50591	48535	3	0	0	0	89	0	314	7
R16C004611	02/15/2016	03/07/2016	48358	98949	0	0	0	1	110	5	459	8

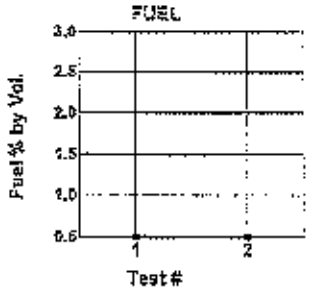
Elemental Analysis Values in Parts Per Million by weight / Oil Quality

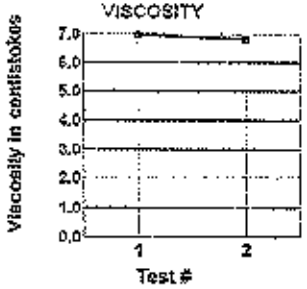
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15B021374	1	129	0	215	14	0	29	1	0	0	7	132	0	0.05	0.00		0.00	0.80	<.50%	N	6.88
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R16C004611	1	102	0	273	9	1	20	0	0	0	5	169	5	0.05	0.00		0.00	0.00	<.50%	N	6.82
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3																						
4																						
5																						











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ANA LABORATORIES, INC.

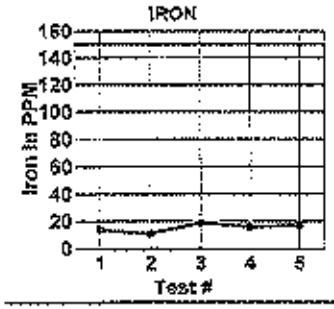
TEST REPORT
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: JJP

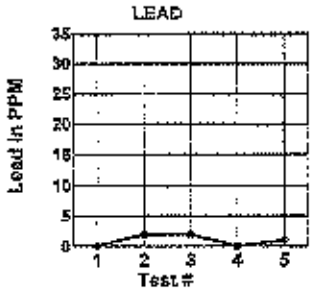
UNIT/SYSTEM	258	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX SUP 1540	
SYS MODEL	CUMMINS ISL	

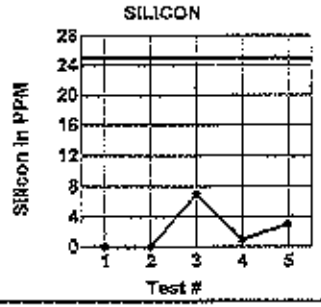
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15H012532	08/10/2015	08/18/2015	74367	6092	0	0	41	843	1117	0	1200	1439
R15K001464	09/25/2015	10/02/2015	80304	5937	0	1	26	658	1007	0	1049	1164
R16B016444	01/22/2016	02/22/2016	86249	5945	0	1	57	988	1154	3	1136	1505
R16D007644	03/29/2016	04/12/2016	93887	5996	0	0	50	960	981	20	1191	1373
R16F022024	06/09/2016	06/28/2016	99953	6066	0	0	55	1097	997	0	1271	1297

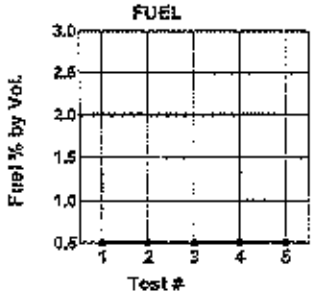
Elemental Analysis values in Parts Per Million by weight / Oil Quality

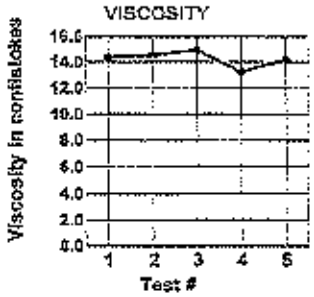
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R15H012532	1	14	0	2	0	0	1	0	0	1	12	1	0	0.05	0.20	40W	0.00	0.00	< 50%	N	14.08
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R15K001464	1	11	0	2	1	2	1	1	0	1	12	1	0	0.05	0.60	40W	0.00	0.00	< 50%	N	14.54
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R16B016444	1	19	0	2	2	0	1	1	0	3	2	15	2	0.05	0.40	40W	0.00	0.00	< 50%	N	14.95
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16D007644	1	16	0	2	0	0	0	0	0	1	8	1	0	0.05	0.40	40W	0.00	0.00	< 50%	N	13.23
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16F022024	1	17	0	1	1	0	3	0	0	1	3	4	3	0.05	0.70	40W	0.00	0.00	< 50%	N	14.21
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











Computer ID: FGAFTRMN
FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

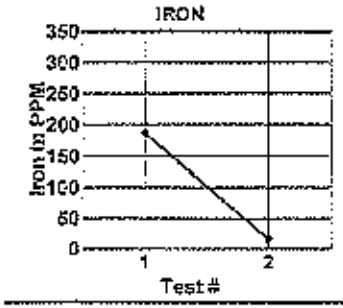
TEST REPORT

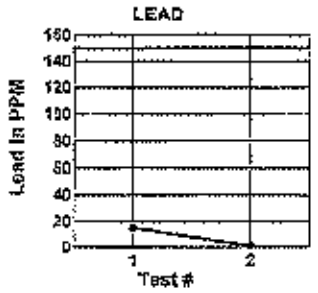
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: JJP

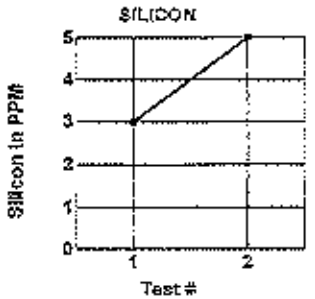
UNIT/SYSTEM	258	TRANS
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CASTROL TRANSYND	
SYS MODEL	ALLISON B400R	

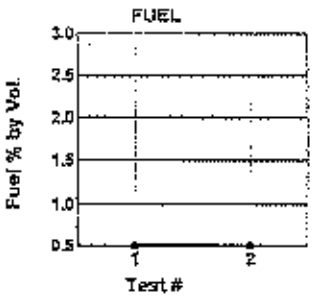
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R15C012474	03/03/2015	03/16/2015	50314	48217	0	0	1	4	98	0	331	13
R16F022052	06/09/2016	06/28/2016	99953	49639	1	1	1	10	2354	0	1182	1067

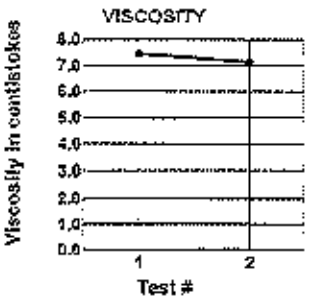
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
	Elemental Analysis values in Parts Per Million by weight														Oil Quality							
1	R15C012474	1	187	0	142	15	0	23	1	1	10	3	148	3	0.05	0.00		0.00	0.00	<50%	N	7.47
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL																					
2	R16F022052	1	17	0	52	1	1	10	5	0	0	1	21	5	0.05	0.00		0.00	0.00	<50%	N	7.14
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL																					
3																						
4																						
5																						











Computer ID: FGAFTRMN
FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT

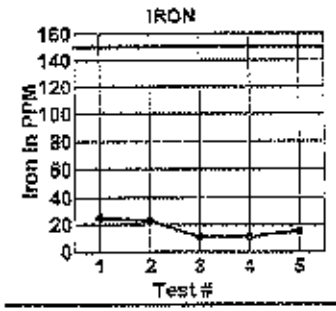
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: JJP

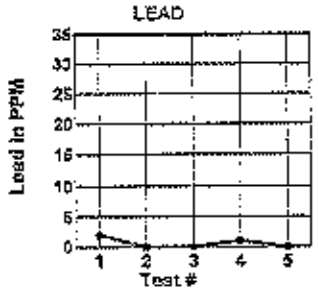
UNIT/SYSTEM	259	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

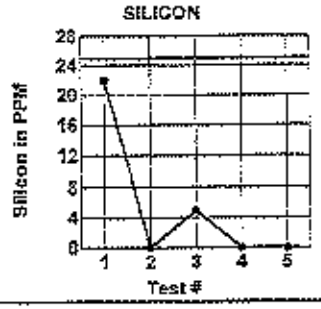
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R16B016446	01/06/2016	02/22/2016	8096	6050	0	1	76	963	967	0	1086	1463
R16C007828	02/18/2016	03/10/2016	14048	5952	0	1	71	1152	1157	0	1097	1575
R16D008417	03/30/2016	04/13/2016	19828	5780	0	0	33	906	803	0	903	1218
R16E017761	05/04/2016	05/24/2016	25871	6043	0	1	38	869	1023	0	876	1263
R16F020987	06/10/2016	06/27/2016	31758	5887	0	0	52	928	907	0	1017	1184

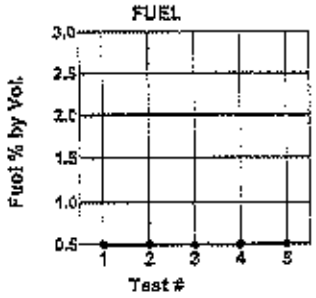
Elemental Analysis values in Parts Per Million by weight / Oil Quality

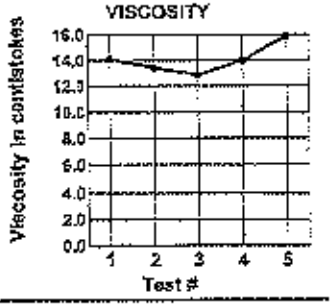
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R16B016446	1	25	0	266	2	29	5	0	0	2	110	36	22	0.05	0.20	40W	0.00	0.60	<50%	N	15.43
	ANALYSIS INDICATES METAL WEAR, COPPER, CHROMIUM, ALUMINUM, SILICON, SODIUM, BORON, TIN, LEAD, IRON, SUSPECT CONTAMINANT, NO WATER, POSSIBLE FUEL DILUTION, RECOMMEND CHANGE OIL, NOT DRAINED, RECOMMEND CHANGE FILTER, NOT CHANGED																					
2	R16C007828	1	23	0	252	0	0	6	0	0	2	17	5	0	0.05	0.50	40W	0.00	0.00	<50%	N	15.40
	ANALYSIS INDICATES METAL WEAR, COPPER, CHROMIUM, ALUMINUM, SILICON, SODIUM, BORON, TIN, LEAD, IRON, SUSPECT CONTAMINANT, NO WATER, POSSIBLE FUEL DILUTION, RECOMMEND CHANGE OIL, NOT DRAINED, RECOMMEND CHANGE FILTER, NOT CHANGED																					
3	R16D008417	1	11	0	29	0	0	1	1	0	1	7	2	5	0.05	0.30	40W	0.00	0.00	<50%	N	12.87
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS, RESAMPLE @ NEXT SCHEDULED INTERVAL																					
4	R16E017761	1	14	0	8	1	2	2	0	0	1	5	2	0	0.05	0.60	40W	0.00	0.00	<50%	N	13.96
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS, RESAMPLE @ NEXT SCHEDULED INTERVAL																					
5	R16F020987	1	15	0	4	0	8	5	0	0	0	7	2	0	0.05	0.40	40W	0.00	0.00	<50%	N	15.94
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS, RESAMPLE @ NEXT SCHEDULED INTERVAL																					











Computer ID: FGAFTRMN
FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT

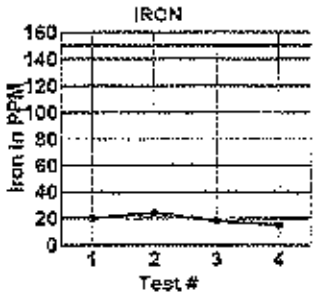
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 - (856) 931-5205 Fax
Analyst: JJP

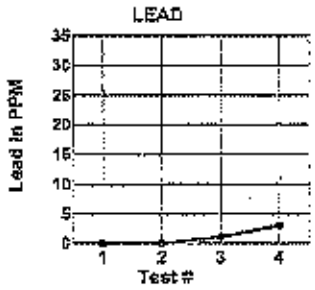
UNIT/SYSTEM	260	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

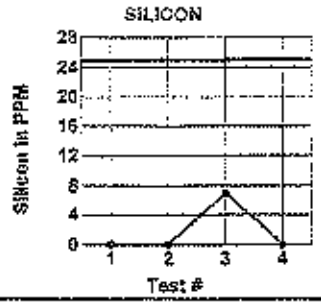
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R16A015910	12/31/2015	01/26/2016	8101	5994	0	0	35	727	878	0	918	1070
R16C004365	02/12/2016	03/07/2016	14032	5931	0	1	56	971	948	0	1074	1302
R16D012425	03/28/2016	04/18/2016	19528	5850	0	1	44	998	905	3	1084	1249
R16E020611	05/10/2016	05/26/2016	25848	5920	0	1	39	665	919	0	1029	1218

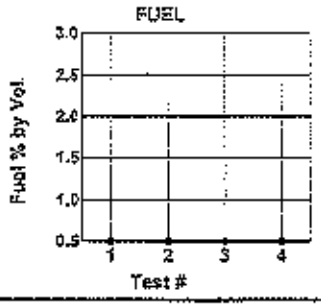
Elemental Analysis values in Parts Per Million by weight / Oil Quality

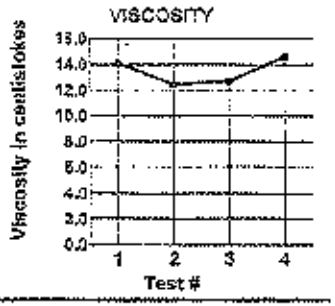
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R16A015910	5	20	1	226	0	0	1	0	0	1	9	16	0	0.05	0.30	40W	0.00	0.00	<.50%	N	14.11
	TRACE METAL(S) COPPER CRITICAL & EXCESSIVE LUBE CONTAMINANTS -NORMAL. RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
2	R16C004365	4	24	0	198	0	0	5	0	0	1	7	4	0	0.05	0.20	30W	0.00	0.00	<.50%	N	12.49
	TRACE METAL(S) COPPER HIGH & UNACCEPTABLE. LUBE CONTAMINANTS -NORMAL. RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
3	R16D012425	1	18	0	36	1	0	1	1	0	1	9	2	7	0.05	0.40	40W	0.00	0.00	<.50%	N	12.75
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16E020611	1	15	0	8	3	0	2	0	0	1	4	3	0	0.05	1.10	40W	0.00	0.00	<.50%	N	14.59
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5																						











Computer ID: PGAFTRMN
FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

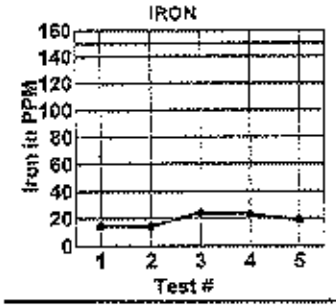
TEST REPORT
130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: JJP

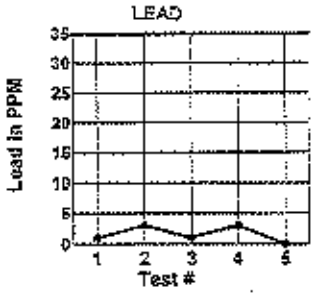
UNIT/SYSTEM	261	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

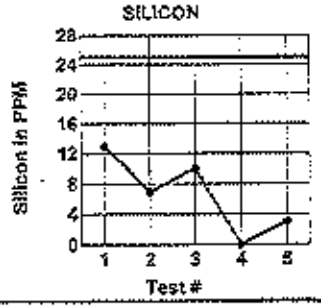
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives: Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R16A002230	12/21/2015	01/06/2016	7777	2821	0	0	48	912	1034	0	1239	1388
R16B006074	01/11/2016	02/09/2016	10776	2999	0	1	57	949	910	0	1108	1390
R16C022591	03/11/2016	03/31/2016	19720	5988	0	2	62	1065	1032	0	1060	1514
R16E017962	05/05/2016	05/24/2016	25791	6071	0	0	58	918	1032	0	1072	1132
R16F024290	06/13/2016	06/30/2016	31634	5843	0	0	54	1037	954	0	1206	1172

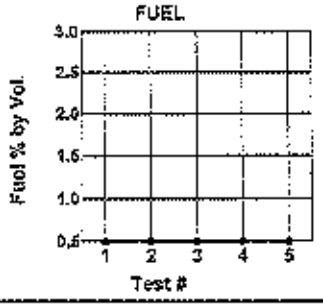
Elemental Analysis values in Parts Per Million by weight / Oil Quality

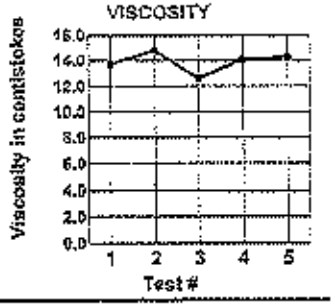
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R16A002230	1	14	1	4	1	0	1	0	0	0	0	3	13	0.05	0.30	40W	0.00	0.00	<.50%	N	13.69
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
2	R16B006074	1	14	0	2	2	0	0	0	0	1	5	2	7	0.05	0.30	40W	0.00	0.00	<.50%	N	14.83
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
3	R16C022591	5	24	0	186	1	0	5	0	0	7	6	2	10	0.05	0.40	40W	0.00	0.00	0.30	N	12.61
	TRACE METAL(S) COPPER CRITICAL & EXCESSIVE. LUBE CONTAMINANTS VISCOSITY LOW. RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
4	R16E017962	4	23	0	193	3	1	1	0	0	1	9	2	0	0.05	1.00	40W	0.00	0.00	<.50%	N	14.08
	TRACE METAL(S) COPPER HIGH & UNACCEPTABLE. LUBE CONTAMINANTS NORMAL. RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
5	R16F024290	1	19	0	28	0	0	4	0	0	1	7	2	3	0.05	0.40	40W	0.00	0.00	<.50%	N	14.28
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











Computer ID: FGAFTRMN
FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT

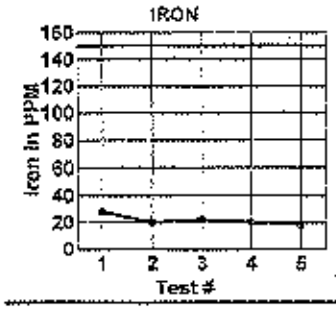
130-B Harding Avenue, Bellmawr, New Jersey
(800) 548-2625 ~ (856) 931-5205 Fax
Analyst: JJP

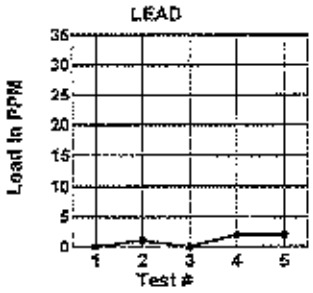
UNIT/SYSTEM	262	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

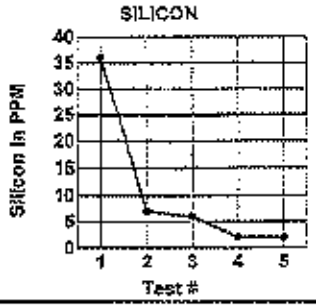
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R16A002228	12/22/2015	01/06/2016	7977	5827	0	0	51	816	1112	0	1158	1442
R16C004610	02/16/2016	03/07/2016	13859	5882	0	1	42	857	885	3	949	1239
R16D012485	03/31/2016	04/18/2016	19861	6002	1	1	47	800	1013	0	572	1390
R16F001723	05/17/2016	06/02/2016	25719	5858	0	1	49	886	799	9	1051	1082
R16G002026	06/27/2016	07/06/2016	31597	5878	0	0	63	1019	1084	0	1147	1279

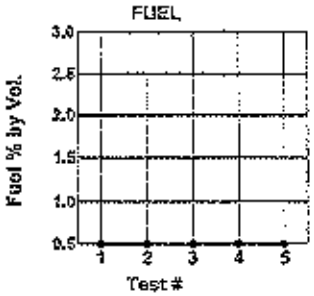
Elemental Analysis values in Parts Per Million by weight / Oil Quality

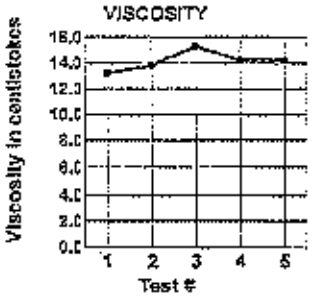
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R16A002228	0	23	0	563	0	1	2	0	1	1	2	24	26	0.05	0.40	40W	0.00	0.00	<50%	N	13.25
	TRACE METAL(S) COPPER HIGH & UNACCEPTABLE LUBE CONTAMINANTS SILICON HIGH DRAINED 95.5 POSSIBLE SAND. RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
2	R16C004610	4	20	0	128	1	0	1	0	0	1	8	2	7	0.05	0.30	40W	0.00	0.00	<50%	N	13.83
	TRACE METAL(S) COPPER HIGH & UNACCEPTABLE LUBE CONTAMINANTS NORMAL. RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
3	R16D012485	1	22	0	29	0	0	6	0	0	2	8	2	6	0.05	0.40	40W	0.00	0.00	<50%	N	15.30
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16F001723	1	20	0	7	2	0	2	1	0	2	6	3	2	0.05	0.50	40W	0.00	0.00	<50%	N	14.22
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16G002026	1	13	0	4	2	1	1	0	0	1	9	3	2	0.05	0.40	40W	0.00	0.00	<50%	N	14.21
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











Computer ID: FGAFTRMN
FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT

130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 ~ (856) 931-5205 Fax
Analyst: JJP

UNIT/SYSTEM	263	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

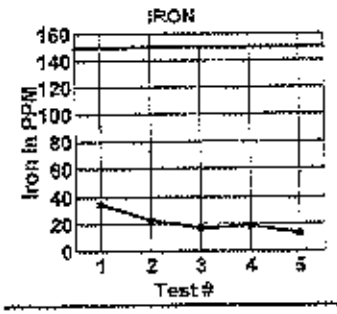
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R16A002233	12/22/2015	01/06/2016	7896	5860	0	0	49	887	1192	0	1179	1583
R16B016491	02/02/2016	02/22/2016	13765	5869	0	1	80	1079	931	0	1037	1435
R16D001377	03/22/2016	04/04/2016	19700	5864	0	1	48	1128	1040	0	872	1494
R16E016538	05/02/2016	05/23/2016	25649	5949	0	0	50	1107	992	0	1310	1293
R16F015132	06/08/2016	06/18/2016	31559	5910	0	0	33	488	1077	0	785	1279

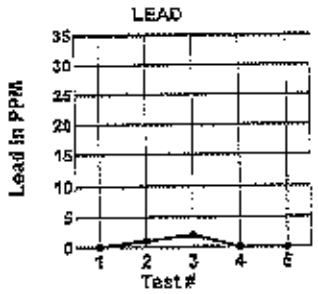
Oil Additives

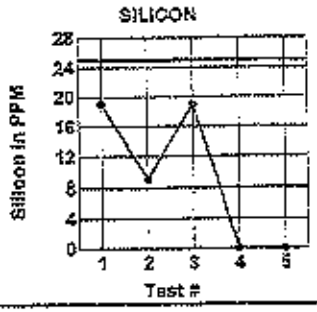
Elemental Analysis values in Parts Per Million by weight

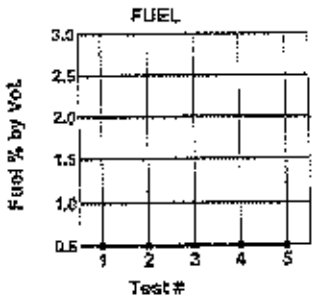
Oil Quality

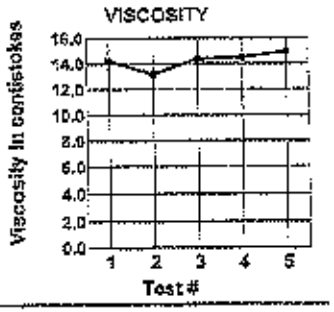
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R16A002233	5	25	1	348	0	0	2	1	0	1	2	20	19	0.05	0.30	40W	0.00	0.00	<50%	N	14.23
	TRACE METAL(S) COPPER CRITICAL 2 E. POSSIBLE LUBE CONTAMINANTS -NORMAL. POSSIBLE BREAK-IN. RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
2	R16B016491	3	23	1	102	1	1	2	0	0	2	8	4	9	0.05	0.30	40W	0.00	0.00	<50%	N	13.18
	TRACE METAL(S) COPPER MODERATELY HIGH. LUBE CONTAMINANTS -NORMAL. POSSIBLE BREAK-IN. RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
3	R16D001377	1	17	0	15	2	3	2	1	0	2	10	1	19	0.05	0.40	40W	0.00	0.00	<50%	N	14.39
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16E016538	1	19	0	4	0	0	3	0	0	1	4	3	0	0.05	0.60	40W	0.00	0.00	<50%	N	14.50
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16F015132	1	13	0	2	0	0	0	0	0	0	10	2	0	0.05	0.50	40W	0.00	0.00	<50%	N	14.95
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











Computer ID: FGAFTRMN
FIRSTGROUP AMERICA, INC.
55436 - FIRST TRANSIT, INC.
4300 E RIVER RD. - NE
ROCHESTER, MN 55906
ATTN: ROGER RITCHIE

1

ANA LABORATORIES, INC.

TEST REPORT

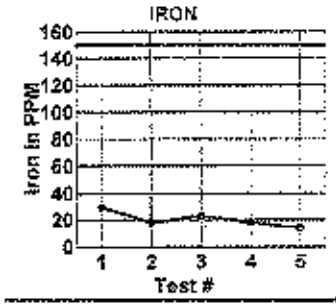
130-B Harding Avenue, Bellmawr, New Jersey
(800) 848-2626 ~ (856) 931-5205 Fax
Analyst: JJP

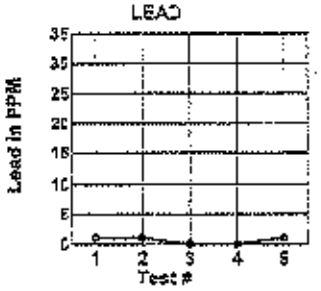
UNIT/SYSTEM	264	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

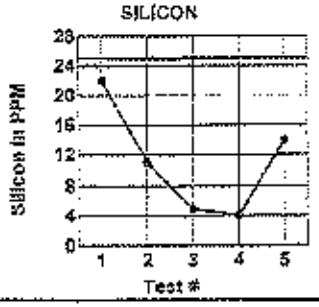
Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R16A002229	12/22/2015	01/06/2016	8040	5958	0	0	48	824	1098	0	1193	1434
R16C001242	02/10/2016	03/02/2016	13841	5801	0	0	39	865	950	1	1048	1189
R16D002158	03/21/2016	04/04/2016	19698	5857	0	0	54	925	944	8	1207	1235
R16E003372	04/18/2016	05/06/2016	24527	4829	0	0	71	1104	1069	0	1127	1474
R16F005447	05/24/2016	06/07/2016	30392	5865	0	0	40	933	779	0	1015	1264

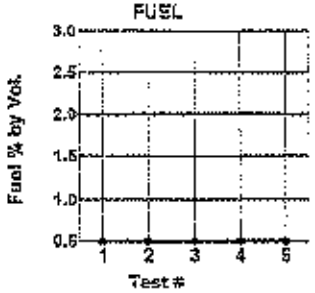
Elemental Analysis values in Parts Per Million by weight / Oil Quality

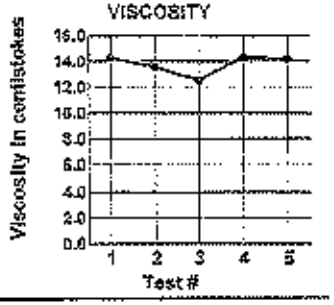
Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R16A002229	5	30	1	345	0	2	1	0	0	1	2	25	22	0.05	0.20	40W	0.00	0.00	<.50%	N	14.28
	TRACE METAL(S) COPPER CRITICAL &EXCESSIVE. LUBE CONTAMINANTS -NORMAL. POSSIBLE BREAK-IN. RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
2	R16C001242	3	18	1	77	1	0	1	1	0	1	7	2	11	0.05	0.20	40W	0.00	0.00	<.50%	N	13.64
	TRACE METAL(S) COPPER MODERATELY HIGH. LUBE CONTAMINANTS -NORMAL. POSSIBLE RESIDUE FROM MAINTENANCE COMPLETED. DRAIN OIL AS PRECAUTION IF NOT DONE. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
3	R16D002158	1	23	1	20	0	0	0	0	0	0	6	3	5	0.05	0.40	40W	0.00	0.00	0.30	N	12.51
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
4	R16E003372	1	19	0	6	0	3	1	0	0	1	4	4	4	0.05	0.20	40W	0.00	0.00	<.50%	N	14.32
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16F005447	1	14	0	3	1	0	1	0	0	1	8	4	14	0.05	0.30	40W	0.00	0.00	<.50%	N	14.21
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					











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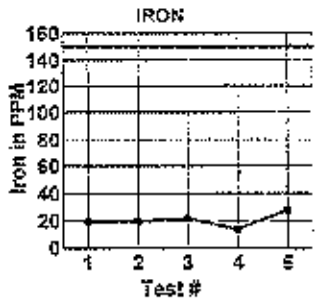
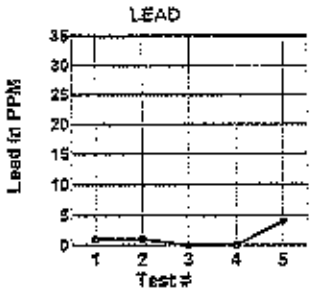
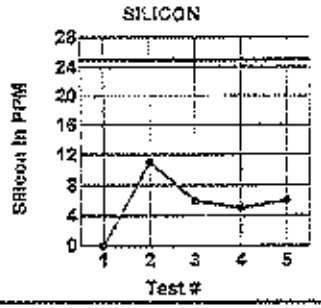
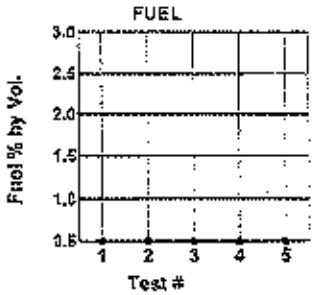
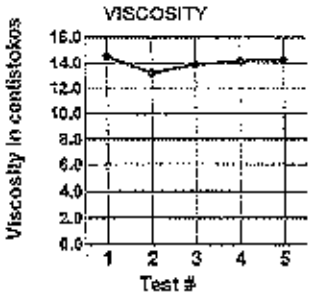
ANA LABORATORIES, INC.

TEST REPORT

130-B Harding Avenue, Bellmawr, New Jersey
(800) 648-2625 – (856) 931-6206 Fax
Analyst: JJP

UNIT/SYSTEM	265	ENG
UNIT MAKE	GILLIG	
UNIT MODEL	LOW FLOOR	
FLUID	CENEX 1540	
SYS MODEL	CUMMINS ISL	

Lab Number	Customer Sample Date	Sample Process Date	Hours / Miles System	Hours / Miles Oil	Oil Additives Potassium	Vanadium	Molybdenum	Magnesium	Calcium	Barium	Phosphorus	Zinc
R16A015907	12/24/2015	01/26/2016	7925	5842	0	0	34	741	890	0	874	1146
R16B016488	02/05/2016	02/22/2016	13780	5855	0	1	80	1077	920	0	1013	1428
R16C022592	03/15/2016	03/31/2016	19661	5881	0	2	59	966	1019	0	1044	1417
R16E005538	04/20/2016	05/09/2016	25698	6037	0	0	29	857	737	0	1047	1201
R16F010680	05/31/2016	06/14/2016	31700	6002	0	1	52	1201	1281	0	1013	1850

Elemental Analysis values in Parts Per Million by weight / Oil Quality

Test #	LAB Number	Severity Code	Iron	Silver	Copper	Lead	Tin	Aluminum	Nickel	Titanium	Chromium	Sodium	Boron	Silicon	Water % by Volume	Solids % by Volume	SAE Grade	TBN	TAN	Fuel	Glycol	Viscosity cSt @ 100 C
1	R16A015907	5	20	1	255	1	1	1	0	0	1	3	15	0	0.05	0.30	40W	0.00	0.00	<.50%	N	14.54
	TRACE METAL(S) COPPER CRITICAL & EXCESSIVE. LUBE CONTAMINANTS -NORMAL. RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
2	R16B016488	5	120	0	895	1	1	5	0	0	2	7	2	11	0.05	0.30	40W	0.00	0.00	<.50%	N	13.23
	TRACE METAL(S) COPPER CRITICAL & EXCESSIVE. LUBE CONTAMINANTS -NORMAL. POSSIBLE PREAK-IN. RECOMMEND DRAIN OIL IF NOT DRAINED. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
3	R16C022592	2	22	0	60	0	0	5	0	0	2	6	3	6	0.05	0.30	40W	0.00	0.00	<.50%	N	13.91
	TRACE METAL(S) COPPER MILDLY ABOVE NORMAL. LUBE CONTAMINANTS -NORMAL. DRAIN OIL AS PRECAUTION IF NOT DONE. RECOMMEND CHANGE FILTER IF NOT CHANGED.																					
4	R16E005538	1	14	0	12	0	0	0	1	0	0	12	2	5	0.05	1.20	40W	0.00	0.00	<.50%	N	14.16
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.																					
5	R16F010680	1	23	0	8	4	3	2	1	0	2	12	5	6	0.05	0.80	40W	0.00	0.00	<.50%	N	14.30
	ANALYSIS INDICATES OVERALL SATISFACTORY CONDITIONS. RESAMPLE @ NEXT SCHEDULED INTERVAL.