

The following are examples of some of our customers who have run over 100,000 miles without an oil change. You will see the actual oil sample results and also the notes we take on the customer. Some of our competitors make claims but we deal with fact. Be sure when checking out a bypass oil filter you have them provide you with long term results similar to this, anyone can give you one or two good samples but will the filter last in the long run.

NAME: Howard LEAD FROM: dn DATE 8-21-03  
 UNIT ID# SALM#2  
 COMPANY:  
 NOTES: 550hp Cat, Sent info 8-27-03

- 10-23-03- Ordered (1) Case of E-1, (2) Titan Kits.
- 1-13-04- Mailed report, normal, fuel soot 0.3.
- 1-20-04 – c/t/w/Harold about 2<sup>nd</sup> sp –
- 2-2-04 Ordered (1) case of E-1, (2) Titan kits.
- 3-9-04 Rec'd report, normal, fuel soot 0.1, low wear.
- 6-2-04 Rec'd 2<sup>nd</sup> report, normal, soot 0.0, mailed copy.
- 7-7-04 Rec'd report, normal, soot 0.1, mailed copy.
- 9-13-04 Rec'd report, normal, soot at 0.0, mailed copy.
- 10-20-04 Rec'd sample, normal, soot at 0.1, mailed copy.
- 11-8-04 Rec'd sample, normal, soot at 0.1, mailed copy.
- 12-3-04 Rec'd sample, normal, soot at 0.2, mailed copy.
- 1-4-05 Rec'd sample, normal, soot at 0.0, mailed copy.
- 2-23-05 Rec'd sample, normal, soot at 0.1, mailed copy.
- 3-11-05 Rec'd sample, normal, soot at 0.2, mailed copy.
- 4-22-05 Rec'd sample, normal, soot at 0.2, mailed copy.
- 5-10-05 Rec'd sample, normal, soot at 0.2, low wear, mailed copy.
- 6-9-05 Rec'd sample, normal, soot at 0.2, mailed copy.
- 7-20-05 Rec'd sample, perfect, soot at 0.2, low wear, mailed copy.
- 100,000 ON OIL AS OF THIS SAMPLE**
- 9-6-05 Rec'd sample, normal, soot at 0.2, mailed copy.
- 9-22-05 Rec'd sample, perfect, soot at 0.2, no wear, mailed copy.



GULF COAST FILTERS, INC.  
 P.O. BOX 2787  
 GULFPORT, MS 395050000

**ANALYSIS REPORT**

Customer Number: PM3739 Equipment: 99 KW W900  
 Unit Number: SALM#2 CAT 550 3406E  
 Phone Number: 800-398-8114 Sender:  
 Received Date: 09/21/05 Sample From:  
 Product:  
 SAE: 15W40  
 Diesel  
 Sample Date: 09/10/05

Lab Number	Physical Tests				Wear Metal, PPM							Additives and Other Metals, PPM											
	Viscosity - CST @100°C	SAE Grade - 100°C	Fuel Soot - % WT	Water Fuel Dilution Antifreeze	Chromium	Copper	Iron	Lead	Tin	Aluminum	Silicon (Dirt)	Antimony	Barium	Boron	Cadmium	Calcium	Magnesium	Molybdenum	Nickel	Phosphorus	Silver	Sodium	Titanium
1 QE2878	14.8	40	0.2	NNN	0	2.21	0	0	0	7	0	0	0	0	4225	10	1	0	1605	0	4	0	1775
2 QP0158	14.4	40	0.2	NNN	0	3.21	1	0	0	9	0	0	2	0	3640	9	1	0	1216	0	3	0	1420
3 QG5762	14.6	40	0.2	NNN	0	1.21	0	0	0	7	1	0	0	0	3928	10	0	0	1139	0	6	0	1420
4 QH2220	14.5	40	0.2	NNN	0	1.17	0	0	0	5	2	0	0	0	3178	9	0	0	922	0	3	0	1114
5 QI0842	14.1	40	0.2	NNN	0	2.22	0	0	0	1	0	0	0	0	4027	12	0	0	1148	0	4	0	1253
6 QJ3071	15.1	40	0.0	NNN	1	3.21	1	0	1	1	0	0	2	0	2909	9	2	0	1055	0	5	0	1259
7 QK6741	16.3	50	0.2	NNN	0	2.22	0	1	0	3	1	0	0	0	2962	5	1	0	1089	0	3	0	1302
8 QL7073	15.1	40	0.2	NNN	1	4.20	0	0	0	1	0	0	1	0	2953	5	2	0	999	0	4	0	1222

  

Lab No	TBN	Test Date	Drain Miles	Oil Added
1	7.5	021605	50000	3 GAL
2	7.1	030905	60000	3 GALS
3	7.0	042105	70000	3 GALS
4	7.7	051005	80000	4 GAL
5	7.5	060805	91228	3 GALS
6	7.8	071805	102000	3 GAL
7	8.6	082205	112000	2 GALS
8	7.8	092105	123731	3 GALS

Maintenance Recommendations (Current Sample Only)  
 VALUES NORMAL FOR THIS SAMPLE.  
 RESAMPLE AT NORMAL INTERVAL.

Titan Laboratories  
 WEB: <http://www.titancheckup.com>  
 EMAIL: [sales@titancheckup.com](mailto:sales@titancheckup.com)  
 PHONE: 1-800-848-4826

ACCURACY OF RECOMMENDATION IS DEPENDENT ON REPRESENTATIVE OIL SAMPLE AND COMPLETE, CORRECT DATA ON BOTH UNIT AND OIL. THIS REPORT IS NOT AN ENDORSEMENT OR RECOMMENDATION OF ANY PRODUCT OR SYSTEM.

NAME: Charles LEAD FROM: dn DATE 10-14-03  
 UNIT ID# CHPORTER Running 98 Detroit  
 COMPANY:  
 NOTES: 10-14-03- Ordered (1) O-2, (2) Cases of E-1,  
 (3) Titan kits, Charged  
 On cc. Detroit Series 60.

- 1-21-04 Rec'd report, normal, mailed copy.
- 2-26-04 Rec'd report, normal, fuel soot 0.1, mailed copy.
- 4-5-04 Rec'd 3<sup>rd</sup> report, normal, fuel soot 0.0, mailed copy
- 4-22-04 Rec'd 4<sup>th</sup> report, normal, fuel soot, 0.1, mailed copy.
- 6-2-04 Rec'd 5<sup>th</sup> report, normal, soot is 0.0, mailed copy.
- 6-30-04 Rec'd 6<sup>th</sup> report, normal, soot is 0.1, mailed copy.
- 8-1-04 Rec'd report, normal, soot is 0.1, mailed copy.
- 9-1-04 Rec'd report, normal, soot at 0.2, mailed copy.
- Call for Nemo, he didn't answer his phone.
- 11-9-04 Rec'd sample, normal, soot at 0.2, mailed copy.
- 1-5-04 Rec'd sample, normal, soot at 0.1, mailed copy.
- 1-28-05 Rec'd sample, normal, soot at 0.2, mailed copy.
- 2-23-05 Rec'd sample, normal, soot at 0.4, mailed copy.



GULF COAST FILTERS, INC.  
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**ANALYSIS REPORT**

Customer Number: PM3739 Equipment: 98 FRT  
 Unit Number: CHPORTER DDETROIT 60  
 Phone Number: 800-398-8114 Sender:  
 Received Date: 02/23/05 Sample From: ENGINE  
 Product: ROTELLA  
 SAE: 15W40  
 Diesel  
 Sample Date: 02/18/05

Lab Number	Physical Tests				Wear Metal, PPM							Additives and Other Metals, PPM											
	Viscosity - CST @100°C	SAE Grade - 100°C	Fuel Soot - % WT	Water Fuel Dilution Antifreeze	Chromium	Copper	Iron	Lead	Tin	Aluminum	Silicon (Dirt)	Antimony	Barium	Boron	Cadmium	Calcium	Magnesium	Molybdenum	Nickel	Phosphorus	Silver	Sodium	Titanium
1 PV2278	14.6	40	0.0	NNN	1	2.32	10	0	1	5	0	0	6	0	4015	143	12	0	1205	0	6	0	1289
2 PW1962	14.6	40	0.1	NNN	2	2.46	13	1	2	11	1	0	2	0	4089	108	13	0	1373	0	6	0	1601
3 PX3941	14.0	40	0.1	NNN	0	1.28	6	3	0	9	0	0	2	0	3188	176	9	0	872	0	2	0	985
4 PY6341	15.3	40	0.2	NNN	1	1.29	7	2	1	9	0	0	5	0	2925	182	11	0	882	0	3	0	1021
5 QB0357	15.0	40	0.2	NNN	1	2.41	11	2	1	8	1	0	6	0	3125	158	10	0	1151	0	4	0	1447
6 QC6187	14.8	40	0.2	NNN	0	0.39	9	0	0	2	0	0	0	0	3669	107	3	0	1263	0	4	0	1294
7 QD6252	15.5	40	0.2	NNN	2	3.51	18	1	2	11	0	1	7	0	3727	95	6	0	1262	0	5	0	1598
8 QE5639	14.6	40	0.4	NNN	2	2.43	15	0	1	8	0	1	4	0	3973	132	4	0	1313	0	5	0	1397

  

Lab No	TBN	Test Date	Drain Miles	Oil Added
1	5.7	052604	0	2.5 GAL
2	5.6	062304	791277	3.5 GAL
3	7.9	072804	802997	3 GAL
4	5.6	083104	814471	0
5	6.9	110504	825321	3 GALS
6	7.3	122304	846182	2.5 GAL
7	5.7	012705	855000	3 GALS
8	6.7	022305	866250	0

Maintenance Recommendations (Current Sample Only)  
 VALUES NORMAL FOR THIS SAMPLE.  
 RESAMPLE AT NORMAL INTERVAL.

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NAME: Tom LEAD FROM: dn DATE: 3-1-04  
 UNIT ID: TOSEI  
 For Label: Equip. Make: 475HP CAT Component Make: 2003 PETERBI  
 COMPANY:  
 NOTES: 3-1-04, came to shop for installation, paid cc. for (1) O-2,  
 (2) cases of E-1, hose, fittings, labor

- 4-28-04 Rec'd 1<sup>st</sup> report, normal soot 0.0, mailed copy.
- 5-24-04 Rec'd 2<sup>nd</sup> report, normal, soot 0.0, mailed copy.
- 8-1-04 Rec'd 3<sup>rd</sup> report, normal soot at 0.1, mailed copy.
- 9-1-04 Rec'd report, normal soot at 0.1, mailed copy.
- 10-18-04 Rec'd sample, normal, soot at 0.1, mailed copy.
- 1-4-04 Rec'd sample, normal, soot at 0.2, mailed copy.
- 2-23-05 Rec'd sample, normal, soot at 0.2, mailed copy.
- 5-23-05 Rec'd sample, normal, soot a 0.2, low wear, mailed cpy.



GULF COAST FILTERS, INC.  
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**ANALYSIS REPORT**

Customer Number: PM3739 Equipment: CAT  
 Unit Number: TOSEILEY PETE 379  
 Phone Number: 800-398-8114 Sender:  
 Received Date: 05/23/05 Sample From: ENGINE  
 Product: ROTELLA  
 SAE: 15W40  
 Diesel  
 Sample Date: 05/16/05

Lab Number	Physical Tests				Wear Metal, PPM							Additives and Other Metals, PPM												
	Viscosity - CST 100°C	SAE Grade - 100°C	Fuel Soot - % WT	Water Fuel Dilution Analysis	Chromium	Copper	Iron	Lead	Tin	Aluminum Silicon (DIN)	Antimony	Boron	Bismuth	Cadmium	Calcium	Magnesium	Molybdenum	Nickel	Phosphorus	Silver	Sodium	Titanium	Zinc	
1 PT9242	15.3	40	0.0	NNN	0	1	6	1	0	1	5	1	0	58	0	2922	11	0	0	961	0	3	0	1187
2 PU7547	14.9	40	0.0	NNN	0	2	12	0	0	1	5	1	0	75	0	3634	13	0	1099	0	3	0	1289	
3 PX2444	14.0	40	0.1	NNN	1	3	25	1	0	1	11	0	1	42	0	3298	11	1	876	0	3	0	947	
4 PY6343	16.7	50	0.1	NNN	1	3	27	0	1	1	9	0	0	15	0	3322	12	0	909	0	3	0	1110	
5 QA0070	16.3	50	0.2	NNN	1	4	32	1	1	1	11	0	1	10	0	3839	14	0	1047	0	3	0	1267	
6 QC8715	15.5	40	0.2	NNN	1	4	27	1	1	0	5	0	0	3	0	3338	9	0	1080	0	5	0	1292	
7 QE2880	15.1	40	0.2	NNN	0	4	31	0	0	0	5	1	0	0	0	4245	12	0	1575	0	4	0	1793	
8 QH6291	14.5	40	0.2	NNN	0	2	23	0	1	0	3	0	0	0	0	3094	6	0	892	0	2	0	1055	

**Maintenance Recommendations (Current Sample Only)**  
 VALUES NORMAL FOR THIS SAMPLE.  
 RESAMPLE AT NORMAL INTERVAL.



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Lab No	TBN	Test Date	Drain Miles	Oil Added
1	6.8	042004	181278	0
2	7.3	051204	189862	0
3	6.9	072304	204382	0
4	8.2	083104	228456	0
5	7.3	101104	241200	0
6	7.7	010405	270368	0
7	7.6	021605	285865	0
8	6.8	052305	313260	0

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NAME: Odell LEAD FROM: nemo DATE: 8-19-04  
 UNIT ID: OJOUR84  
 For Label: CUMMINS 460HP Component Make:  
 COMPANY:  
 NOTES: 8-19-04- Ordered (1) O-2, (1) case of E-1,  
 (4) Titan kits, charged on cc.

- 9-1-04 Rec'd 1<sup>st</sup> report, normal, soot at 0.4, mailed copy.
- 10-11-04 Rec'd sample, normal, soot at 0.3, mailed copy.
- 11-22-04 Rec'd sample, normal, soot at 0.2, mailed copy.
- 1-26-05 Rec'd sample, normal, soot at 0.4, mailed copy.
- 4-8-05 Rec'd sample, normal, soot at 0.6, mailed cpy.
- 5-27-05 Rec'd sample, normal, soot at 0.6 but sodium went up from 6 to 38, talked with Odell, he has a bad head gasket, and has scheduled to put it in the shop Tuesday and have it replaced.  
Mailed cpy.
- Had a bunch of head work done,
- 7-22-05 Rec'd sample, normal, soot at 0.2, mailed cpy.
- 9-6-05 Rec'd sample, normal, soot at 0.4, mailed cpy.
- 10-3-05 Rec'd sample, normal, soot at 0.6, mailed cpy.
- 11-1-05 Rec'd sample, normal, soot at 0.4, mailed cpy.



GULF COAST FILTERS, INC.  
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Customer Number: PM3739 Equipment: VOLVO WCA64  
 Unit Number: OJOUR84 CUMMINS N14  
 Phone Number: 800-398-8114 Sender:  
 Received Date: 10/28/05 Sample From:  
 Product: MYSTIK  
 SAE: 15W40  
 Diesel  
 Sample Date: 10/17/05

Lab Number	Physical Tests				Wear Metal, PPM							Additives and Other Metals, PPM											
	Viscosity - CST 100°C	SAE Grade - 100°C	Fuel Soot - % WT	Water Fuel Dilution Analysis	Chromium	Copper	Iron	Lead	Tin	Aluminum Silicon (DIN)	Antimony	Boron	Bismuth	Cadmium	Calcium	Magnesium	Molybdenum	Nickel	Phosphorus	Silver	Sodium	Titanium	Zinc
1 QB5240	14.7	40	0.2	NNN	1	0	12	2	3	1	6	0	0	38	0	2670	543	55	1275	0	3	0	1536
2 QD5431	15.1	40	0.4	NNN	2	1	28	4	6	2	11	1	9	35	0	3164	675	48	1195	0	3	0	1366
3 QG0532	17.2	50	0.6	NNN	2	1	26	10	2	1	8	0	0	33	0	2810	520	67	1285	1	6	0	1388
4 QH7791	16.6	50	0.6	NNN	2	1	25	13	4	1	6	0	0	25	0	2229	436	57	1079	0	38	0	1295
5 QJ4567	17.8	50	0.2	NNN	0	2	7	2	2	1	8	0	0	105	0	2967	23	64	771	0	2	0	888
6 QL1071	16.3	50	0.4	NNN	0	2	13	1	1	0	4	0	0	79	0	3090	11	103	1043	0	0	0	1227
7 QL9595	17.3	50	0.6	NNN	2	5	19	4	2	2	8	0	0	58	0	3178	15	71	943	0	4	0	1095
8 QN0243	16.7	50	0.4	NNN	2	3	20	5	5	3	13	0	0	53	0	2978	12	91	967	0	2	0	1242

**Maintenance Recommendations (Current Sample Only)**  
 NOTE VISCOSITY VARIATION. RESAMPLE AT NORMAL INTERVAL.



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Lab No	TBN	Test Date	Drain Miles	Oil Added
1	8.9	111904	10069	2 GALS
2	7.7	012605	9960	2 GALS
3	6.2	040605	11453	5 GALS
4	6.7	052505	11280	5 GALS
5	9.4	072105	9592	0
6	8.8	090205	14200	3 GALS
7	8.3	092805	10320	5 GALS
8	7.9	102805	11323	3 GALS

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NAME: Walter LEAD FROM: truckshow DATE: 3-28-04

UNIT ID: WATUR

For Label: Equip. Make: 475HP CAT WITH 697,000 MILES

COMPANY:

NOTES: Sold (1) O-2, he picked up at show. Ordered (1) case of E-1, (3) Titan Kits. Charged on cc.

- 5-14-03 Rec'd 1<sup>st</sup> report, perfect, soot 0.1, mailed copy
- 6-22-04 Rec'd 2<sup>nd</sup> sample, perfect, soot 0.1, mailed copy.
- 7-4-04 Rec'd 3<sup>rd</sup> sample, normal, soot at 0.1, mailed copy.
- 8-18-04 Rec'd 4<sup>th</sup> sample, normal, soot at 0.2, mailed copy.
- 9-27-04 Rec'd sample, normal, soot at 0.1, mailed copy.
- 10-18-04 Rec'd sample, normal, soot at 0.1, mailed copy.
- Call for nemo
- 11-17-04 Rec'd sample, normal, soot at 0.1, mailed copy.
- 1-4-05 Rec'd sample, normal, soot at 0.0, mailed copy.
- 2-23-05 Rec'd sample, normal, soot at 0.2, mailed copy.
- 3-17-05 Rec'd sample, normal, soot at 0.2, mailed copy.
- 6-15-05 Rec'd sample, perfect, no wear, soot at 0.2, mailed cpy..
- 6-27-05 Rec'd sample, this sample Perfect, no wear, soot at 0.2, mailed cpy.
- 7-20-05 Rec'd sample, perfect, soot at 0.2, no wear, mailed cpy.
- 8-5-05 Rec'd sample, perfect, soot at 0.2, no wear, mailed cpy.
- 9-6-05 Rec'd sample, perfect, soot at 0.2, mailed cpy.
- 10-14-05 Rec'd sample, perfect, soot at 0.2, mailed cpy.

**OIL (PPM)**



GULF COAST FILTERS, INC.  
P.O. BOX 2787  
GULFPORT, MS 395050000

**ANALYSIS REPORT**

Customer Number: PM3739 Equipment: 98 PETE 379  
Unit Number: WATUDOR 3406E CAT 475  
Phone Number: 800-398-8114 Sender:  
Received Date: 10/12/05 Sample From: ENGINE  
Product: DELO  
SAE: 15W40  
Diesel  
Sample Date: 10/01/05

Lab Number	Physical Tests				Wear Metal, PPM							Additives and Other Metals, PPM											
	Viscosity - CST 100°C	SAE Grade - 100°C	Fuel Soot - % WT	Water/Fuel Dilution Antifreeze	Chromium	Copper	Iron	Lead	Tin	Aluminum	Silicon (Dirt)	Antimony	Barium	Boron	Cadmium	Calcium	Magnesium	Molybdenum	Nickel	Phosphorus	Silver	Sodium	Titanium
1 QE5647	15.4	40	0.2	NNN	0	314	111	3	5	0	0	0	113	0	3798	17	290	0	1392	0	3	0	1460
2 QP2958	15.5	40	0.2	NNN	0	313	0	7	3	5	0	0	96	0	3411	8	249	0	1216	1	2	0	1460
3 QI2593	15.6	40	0.2	NNN	0	112	0	3	0	1	0	0	41	0	2933	5	184	0	1009	0	0	0	1248
4 QI6477	15.7	40	0.2	NNN	0	315	1	8	2	5	1	0	37	0	3187	10	208	0	1258	0	2	0	1588
5 QJ3771	16.9	50	0.2	NNN	0	112	0	5	0	1	0	0	37	0	2412	6	146	0	756	0	0	0	903
6 QJ9685	16.0	40	0.2	NNN	0	214	0	6	2	3	0	0	38	0	2413	7	202	0	1056	0	2	0	1209
7 QL1069	17.0	50	0.2	NNN	0	115	0	3	1	1	1	0	45	0	2743	5	234	0	1029	0	0	0	1218
8 QM4487	15.4	40	0.2	NNN	0	319	1	7	3	6	0	0	57	0	2959	11	215	0	1123	0	3	0	1278

**Maintenance Recommendations (Current Sample Only)**

VALUES NORMAL FOR THIS SAMPLE.  
RESAMPLE AT NORMAL INTERVAL.



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PHONE: 1-800-848-4826

Lab No	TBN	Test Date	Drain Miles	Oil Added
1	7.7	022305	10500	4.5 GALS
2	7.4	031605	6510	4 GAL
3	7.2	061405	10900	4.5 GALS
4	7.4	062405	10500	4 GAL
5	8.4	071905	9515	4 GALS
6	8.4	080305	9560	4.5 GALS
7	7.3	090205	9494	4 GALS
8	7.6	101205	9940	4 GAL

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NAME: Tom LEAD FROM: nemo DATE: 6-16-04

UNIT ID: RUBA64

For Label: Equip. Make: 2003 CAT WITH 185,000 IN PETERBILT

COMPANY:

NOTES: 6-16-04- Ordered (1) O-2, (1) case of E-1, (3) Titan kits, charged on cc.

- 7-23-04 Rec'd sample, normal, soot at 0.1, mailed copy.
- 8-10-04 Rec'd sample, normal, soot at 0.1, mailed copy.
- 10-28-04 Rec'd sample, normal, soot at 0.1, mailed copy.
- 12-20-04 Rec'd sample, normal, soot at 0.0, mailed copy.
- 3-3-05 Rec'd sample, normal, soot at 0.2, mailed cpy.
- 6-3-05 Rec'd sample, perfect, soot at 0.0, no wear, mailed cpy.
- 6-6-05 Sent 1/2 spring.
- 9-6-05 Rec'd sample, normal, soot at 0.2, no wear, mailed cpy.
- 11-3-05 Rec'd sample, normal, soot at 0.2, low wear, mailed cpy.

**OIL (PPM)**



GULF COAST FILTERS, INC.  
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GULFPORT, MS 395050000

**ANALYSIS REPORT**

Customer Number: PM3739 Equipment: 03 CAT  
Unit Number: ZARUBA64 C15  
Phone Number: 800-398-8114 Sender:  
Received Date: 10/26/05 Sample From:  
Product: ROTELLA  
SAE: 15W40  
Diesel  
Sample Date: 10/16/05

Lab Number	Physical Tests				Wear Metal, PPM							Additives and Other Metals, PPM												
	Viscosity - CST 100°C	SAE Grade - 100°C	Fuel Soot - % WT	Water/Fuel Dilution Antifreeze	Chromium	Copper	Iron	Lead	Tin	Aluminum	Silicon (Dirt)	Antimony	Barium	Boron	Cadmium	Calcium	Magnesium	Molybdenum	Nickel	Phosphorus	Silver	Sodium	Titanium	Zinc
1 PX0691	14.3	40	0.1	NNN	1	210	2	0	1	5	1	1	3	0	4008	14	1	0	1409	0	4	0	1675	
2 PX7713	14.3	40	0.1	NNN	0	2	5	1	0	0	6	0	1	5	0	3922	6	0	0	1227	0	8	0	1473
3 QA5254	13.9	40	0.1	NNN	1	415	1	1	1	9	1	1	8	0	4157	10	0	0	1314	0	4	0	1394	
4 QC4546	14.0	40	0.0	NNN	0	217	0	0	0	8	0	0	4	0	3448	9	0	0	928	8	4	0	1073	
5 QE8154	15.3	40	0.2	NNN	1	323	3	1	1	12	0	0	1	5	0	3558	7	1	0	1069	0	4	0	1236
6 QH9234	15.2	40	0.0	NNN	0	114	0	9	0	1	3	0	7	0	2846	10	0	0	900	1	0	0	1036	
7 QL1058	14.9	40	0.2	NNN	0	0	6	0	0	1	0	0	0	0	3145	2	0	0	1008	0	0	0	1189	
8 QM9506	13.7	40	0.2	NNN	1	315	2	0	1	8	0	1	4	0	4302	12	1	0	1157	0	2	0	1204	

**Maintenance Recommendations (Current Sample Only)**

VALUES NORMAL FOR THIS SAMPLE.  
RESAMPLE AT NORMAL INTERVAL.



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PHONE: 1-800-848-4826

Lab No	TBN	Test Date	Drain Miles	Oil Added
1	8.6	071904	14400	0
2	8.2	080604	9428	0
3	7.8	102504	13004	1 GAL
4	7.7	122004	0	0
5	7.3	030205	9000	0
6	6.8	060205	10140	0
7	10.	090205	9200	0
8	8.8	102605	11200	0

ACCURACY OF RECOMMENDATION IS DEPENDENT ON REPRESENTATIVE OIL SAMPLE AND COMPLETE, CORRECT DATA ON BOTH UNIT AND OIL. THIS REPORT IS NOT AN ENDORSEMENT OR RECOMMENDATION OF ANY PRODUCT OR SYSTEM.

NAME: Brian LEAD FROM: truckshow DATE: 3-28-04

UNIT ID: UTE34

For Label: Equip. Make: 500HP Cummins with 170,000 miles since overhaul.

COMPANY:

NOTES: 3-27-04- Ordered (1) O-2, (1) HD-KIT, (1) Case of E-1, 2 metric adaptors, charged on cc.

Brian picked up O-2 at show.

- 5-11-04 Ordered (1) Titan kit, charged on cc.
- 5-24-04 Rec'd 1<sup>st</sup> report, normal, soot 0.2, mailed copy.
- 6-16-04 Ordered (2) Titan kits, charged on cc.
- 7-7-04 Rec'd 2<sup>nd</sup> sample, normal, soot at 0.4, mailed copy.
- 8-10-04 Rec'd 3<sup>rd</sup> sample, normal, soot at 0.6, mailed copy.
- 9-21-04 Rec'd 4<sup>th</sup> sample, normal soot at 0.6, mailed copy.
- 10-7-04 Rec'd sample, normal, soot at 0.5, mailed copy.
- 11-8-04 Rec'd sample, normal, soot at 0.7, mailed copy.
- 12-9-04 Rec'd sample, normal, soot at 1.2 (0.6) old. Mailed copy.
- 2-3-05 Rec'd sample, normal, soot at 1.2, mailed copy.
- 5-6-05 Rec'd sample, normal, soot at 1.0, mailed cpy.
- 7-1-05 Rec'd sample, normal, soot at 1.0, mailed cpy.
- 7-22-05 Rec'd sample, normal, soot at 1.0, mailed cpy.
- 8-17-05 Rec'd sample, normal, soot at 1.0, mailed cpy.
- 9-20-05 Rec'd sample, normal, soot at 1.2, mailed cpy.
- 10-25-05 Rec'd sample, normal, soot at 1.2, mailed cpy.

# OIL (PPM)



GULF COAST FILTERS, INC.  
P.O. BOX 2787  
GULFPORT, MS 395050000

## ANALYSIS REPORT

Customer Number: PM3739 Unit Number: CHUTE34  
 Phone Number: 800-398-8114 Received Date: 08/15/05  
 Equipment: 99 500HP CUMMINS  
 Sender: Sample From:  
 Product: ROTELLA SAE: 15W40 Diesel  
 Sample Date: 08/04/05

Lab Number	Physical Tests				Wear Metal, PPM							Additives and Other Metals, PPM											
	Viscosity - CST 100°C	SAE Grade 100°C	Fuel Soot - % WT	Water Fuel Dilution Antifreeze	Chromium	Copper	Iron	Lead	Tin	Aluminum Silices (Dirt)	Antimony	Barium	Boron	Cadmium	Calcium	Magnesium	Molybdenum	Nickel	Phosphorus	Silver	Sodium	Titanium	Zinc
1 PZ1211	15.8	40	0.6	NNN	2	335	3	0	0	7	0	0	3	0	2731	15	0	0	812	0	4	0	955
2 PZ6871	15.1	40	0.5	NNN	2	445	4	1	1	9	0	0	0	0	4116	21	0	0	1120	0	2	0	1352
3 QA8667	18.4	50	0.7	NNN	3	749	6	0	1	11	2	1	6	0	3230	22	2	0	986	4	7	0	1300
4 QC1051	16.0	40	1.2	NNN	0	435	2	0	0	5	1	0	0	0	2780	11	0	0	856	0	4	0	1103
5 QD8059	14.8	40	1.2	NNN	2	441	6	0	0	10	1	0	0	0	3449	10	0	0	1022	0	4	0	1233
6 QH0628	13.9	40	1.0	NNN	0	130	3	0	0	7	1	0	4	0	3272	8	31	0	1136	0	1	0	1447
7 QI7764	13.9	40	1.0	NNN	2	334	5	0	0	6	0	0	4	0	3098	10	15	0	927	0	5	0	1077
8 QK4169	15.3	40	1.0	NNN	2	230	5	0	0	10	1	0	3	0	2931	9	9	0	874	0	4	0	1119

**Maintenance Recommendations (Current Sample Only)**  
 VALUES NORMAL FOR THIS SAMPLE.  
 RESAMPLE AT NORMAL INTERVAL.



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Lab No	TBN	Test Date	Drain Miles	Oil Added
1	7.6	091504	830156	0
2	8.2	100104	840140	0
3	7.9	110204	849961	0
4	6.9	120904	860000	0
5	6.6	020205	800915	0
6	7.3	050505	910823	0
7	7.0	062905	921324	0
8	8.2	081505	940835	0

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NAME: Glenn LEAD FROM: nemo DATE: 10-18-04

UNIT ID: GPAT1004

For Label: Equip. 2003 500HP C-15 CAT WITH 304,000 MILES

COMPANY:

NOTES: 10-18-04- Ordered (1) O-2, (1) CASE OF E-1, (3) Titan kits, charged on cc.

- 11-29-04 Rec'd sample, normal, soot at 0.0, mailed copy.
- 1-3-05 Rec'd sample, normal, soot at 0.0, mailed copy.
- 1-27-05 Rec'd sample, normal, soot at 0.0, mailed copy.
- 2-23-05 Rec'd sample, normal, soot at 0.0, mailed copy.
- 3-15-05 Rec'd sample, perfect, low wear soot at 0.2, mailed copy.
- 4-13-05 Rec'd sample, normal, perfect, low wear, soot at 0.0, mailed cpy.
- Mid America call for nemo
- 6-6-05 Sent 1/2 spring.
- 8-12-05 Rec'd sample, normal, soot at 0.2, low wear, mailed cpy.
- 10-3-05 Rec'd sample, normal, soot at 0.2, low wear, mailed cpy.

# OIL (PPM)



GULF COAST FILTERS, INC.  
P.O. BOX 2787  
GULFPORT, MS 395050000

## ANALYSIS REPORT

Customer Number: PM3739 Unit Number: GPATTERSON1004  
 Phone Number: 800-398-8114 Received Date: 09/29/05  
 Equipment: 03 PETE CAT C15  
 Sender: Sample From:  
 Product: MOBIL 1300 SAE: 15W40 Diesel  
 Sample Date: 09/21/05

Lab Number	Physical Tests				Wear Metal, PPM							Additives and Other Metals, PPM											
	Viscosity - CST 100°C	SAE Grade 100°C	Fuel Soot - % WT	Water Fuel Dilution Antifreeze	Chromium	Copper	Iron	Lead	Tin	Aluminum Silices (Dirt)	Antimony	Barium	Boron	Cadmium	Calcium	Magnesium	Molybdenum	Nickel	Phosphorus	Silver	Sodium	Titanium	Zinc
1 QB6816	14.2	40	0.0	NNN	1	213	0	1	1	5	0	0	34	0	3076	539	48	0	1441	0	2	0	1698
2 QC6182	13.7	40	0.0	NNN	0	013	0	1	0	1	0	0	19	0	2860	523	37	0	1208	0	2	0	1186
3 QD5432	14.6	40	0.0	NNN	2	323	0	6	2	14	1	8	23	0	3449	670	48	0	1238	0	2	0	1421
4 QE1567	14.4	40	0.0	NNN	1	217	0	3	1	12	0	0	27	0	3016	591	64	0	1499	0	1	0	1749
5 QF2194	15.0	40	0.2	NNN	0	214	1	2	1	9	0	0	19	0	2212	424	43	0	1104	0	2	0	1309
6 QG1052	15.6	40	0.0	NNN	0	221	0	0	1	13	0	0	24	0	2741	504	42	0	1120	0	5	0	1226
7 QH2776	15.0	40	0.2	NNN	0	325	0	2	1	10	2	0	14	0	2965	609	49	0	1297	0	2	0	1576
8 QM0132	15.2	40	0.2	NNN	0	229	0	3	1	16	2	0	14	0	2776	558	63	0	1392	0	2	0	1735

**Maintenance Recommendations (Current Sample Only)**  
 VALUES NORMAL FOR THIS SAMPLE.  
 RESAMPLE AT NORMAL INTERVAL.



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Lab No	TBN	Test Date	Drain Miles	Oil Added
1	8.6	112404	10200	2 GALS
2	8.0	122304	19400	3 GAL
3	7.9	012605	10100	5 GALS
4	8.8	021105	39200	3 GAL
5	8.4	031405	10750	4 GALS
6	7.9	040805	10937	6 GALS
7	8.9	081105	10000	3.5 GALS
8	8.2	092905	30000	5 GAL

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NAME: Brady LEAD FROM: nemo DATE: 11-9-04  
 UNIT ID: BRADY1104  
 For Label: PETE 387 CAT C-15  
 COMPANY:  
 NOTES:

2-10-05 Rec'd sample, normal, soot at 0.0, mailed copy.  
 3-14-05 Rec'd sample, perfect, soot at 0.2, no wear, mailed copy.  
 4-5-05 Rec'd sample, normal, soot at 0.2, mailed cpy.  
 4-22-05 Rec'd sample, normal, soot at 0.2, mailed cpy.  
 5-13-05 Rec'd sample, normal, low wear, soot at 0.2, mailed cpy.  
 7-20-05 Rec'd sample, perfect, soot at 0.2, low wear, mailed cpy.  
 8-1-05 Rec'd sample, normal, soot at 0.2, low wear, mailed cpy.  
 9-6-05 Rec'd sample, normal, soot at 0.4, mailed cpy.  
 9-15-05 Rec'd sample, normal, soot at 0.4, mailed cpy.  
 10-4-05 Rec'd sample, normal, soot at 0.4, mailed cpy.  
 11-3-05 Rec'd sample, normal, soot at 0.4, mailed cpy.

## OIL (PPM)



GULF COAST FILTERS, INC.  
 P.O. BOX 2787  
 GULFPFORT, MS 395050000

## ANALYSIS REPORT

Customer Number: PM3739 Equipment: PETE 387  
 Unit Number: BRADY1104 CAT C15  
 Phone Number: 800-398-8114 Sender:  
 Received Date: 09/12/05 Sample From:  
 Product: DELO  
 SAE: 15W40  
 Diesel  
 Sample Date: 09/01/05

Lab Number	Physical Tests				Wear Metal, PPM							Additives and Other Metals, PPM											
	Viscosity - CST 100°C	SAE Grade - 100°C	Fuel Soot - % WT	Water Fuel Dilution Antifreeze	Chromium	Copper	Iron	Lead	Tin	Aluminum Silicon (Dirt)	Antimony	Barium	Boron	Cadmium	Calcium	Magnesium	Molybdenum	Nickel	Phosphorus	Silver	Sodium	Titanium	Zinc
1 QF1583	15.7	40	0.2	NNN	0	111	0	1	1	3	1	0	28	0	3148	11	96	0	1153	0	2	0	1346
2 QF8037	14.7	40	0.2	NNN	0	113	0	1	0	1	0	0	27	0	3170	8	125	0	1127	0	3	0	1389
3 QG5753	14.4	40	0.2	NNN	0	014	0	2	0	6	1	0	34	0	3329	7	182	0	1246	0	4	0	1588
4 QH3309	15.4	40	0.2	NNN	0	018	0	2	0	3	0	0	27	0	2894	4	203	0	1096	0	2	0	1378
5 QJ3772	15.6	40	0.2	NNN	0	018	0	3	0	2	0	0	20	0	2391	4	109	0	683	0	0	0	810
6 QJ7897	15.1	40	0.2	NNN	0	126	0	4	1	7	0	0	22	0	2743	9	194	0	970	0	1	0	1209
7 QK6742	15.0	40	0.4	NNN	0	335	0	7	2	11	0	0	28	0	2921	6	242	0	1235	0	2	0	1476
8 QL3523	15.1	40	0.4	NNN	0	335	0	6	2	10	0	0	23	0	2626	5	223	0	928	0	2	0	1134

Maintenance Recommendations  
 (Current Sample Only)  
 VALUES NORMAL FOR THIS SAMPLE.  
 RESAMPLE AT NORMAL INTERVAL.



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Lab No	TBN	Test Date	Drain Miles	Oil Added
1	6.7	031105	10102	2 GALS
2	6.5	033005	10120	3 GALS
3	6.7	042105	10404	3 GALS
4	6.3	051205	10563	3 GALS
5	7.7	071905	10461	3 GALS
6	6.3	072905	11273	3 GALS
7	7.1	082205	10642	3 GALS
8	6.3	091205	10370	3 GALS

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NAME: Mike I LEAD FROM: nemo DATE: 1-24-05  
 UNIT ID: MCAML105  
 For Label: 2004 CAT C-15 Bridge Motor with 187,000 miles  
 COMPANY:  
 NOTES: 1-24-05- Ordered (1) O-2, (1) case of E-1, (3) Titan kits, (1) HD-Kit charged on cc.

2-23-05 Rec'd sample, normal, soot at 0.2, mailed copy.  
 3-23-05 Rec'd sample, normal, soot at 0.2, mailed copy.  
 4-20-05 REc'd sample, normal, soot at 0.2, mailed cpy.  
 5-20-05 Rec'd sample, normal, soot at 0.2, mailed cpy.  
 6-14-05 Rec'd sample, normal, soot at 0.4, mailed cpy.  
 8-12-05 Rec'd sample, normal, soot at 0.2, mailed cpy. Not downloaded.  
 9-6-05 Rec'd sample, normal, soot at 0.2, no wear, mailed cpy.  
 11-3-05 Rec'd sample, normal, soot at 0.2, low wear, mailed cpy.

## OIL (PPM)



GULF COAST FILTERS, INC.  
 P.O. BOX 2787  
 GULFPFORT, MS 395050000

## ANALYSIS REPORT

Customer Number: PM3739 Equipment: CAT C15  
 Unit Number: MCAMPBELL105 475HP  
 Phone Number: 800-398-8114 Sender:  
 Received Date: 10/26/05 Sample From:  
 Product: SHELL  
 SAE: 15W40  
 Diesel  
 Sample Date: 10/13/05

Lab Number	Physical Tests				Wear Metal, PPM							Additives and Other Metals, PPM											
	Viscosity - CST 100°C	SAE Grade - 100°C	Fuel Soot - % WT	Water Fuel Dilution Antifreeze	Chromium	Copper	Iron	Lead	Tin	Aluminum Silicon (Dirt)	Antimony	Barium	Boron	Cadmium	Calcium	Magnesium	Molybdenum	Nickel	Phosphorus	Silver	Sodium	Titanium	Zinc
1 QE5633	15.1	40	0.2	NNN	0	1	6	0	0	4	0	0	2	0	4376	12	0	0	1393	0	4	0	1434
2 QF5034	14.9	40	0.2	NNN	1	213	2	0	0	7	1	0	1	0	4070	11	0	0	1644	0	4	0	1896
3 QG4199	16.0	40	0.2	NNN	1	421	2	0	0	7	0	0	0	0	3864	12	0	0	1142	0	2	0	1380
4 QH4240	15.0	40	0.2	NNN	0	221	1	0	0	6	0	0	0	0	2815	10	1	0	778	0	2	0	931
5 QI2458	15.2	40	0.4	NNN	1	435	3	0	1	10	3	0	1	0	3365	10	1	0	1283	0	5	0	1636
6 QK2102	15.4	40	0.2	NNN	0	439	2	0	0	3	0	0	0	0	3003	8	0	0	937	0	3	0	1065
7 QL1057	15.4	40	0.2	NNN	0	011	0	0	0	1	0	0	0	0	3121	2	0	0	1032	0	0	0	1187
8 QM9503	14.4	40	0.2	NNN	1	328	2	0	0	9	1	0	5	0	3884	11	1	0	1137	0	2	0	1172

Maintenance Recommendations  
 (Current Sample Only)  
 VALUES NORMAL FOR THIS SAMPLE.  
 RESAMPLE AT NORMAL INTERVAL.



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Lab No	TBN	Test Date	Drain Miles	Oil Added
1	8.6	022305	9346	0
2	8.2	032205	9410	0
3	7.3	041805	9644	0
4	7.8	051605	9789	0
5	7.6	061305	10515	0
6	7.8	080905	11300	0
7	10.	090205	9680	3 GALS
8	8.6	102605	12137	0

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