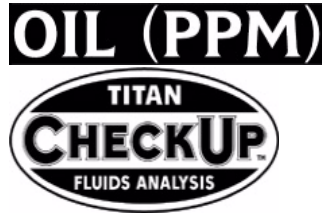


The following are examples of some of our customers who have run from 100,000 miles to over 400,000 miles without an oil change. You will see the actual oil sample results and also the notes we take on each of our customers. For privacy we have deleted their personal information. Some of our competitors make claims about how efficient their filter is but if you do your research you will find many of them are only able to extend oil changes to 50,000 miles with a filter not much larger than the one on your car, and they leave it up to you to interpret the information on your oil analysis report. 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 their filter have the capacity to last in the long run. Gulf Coast Filters has been interpreting oil analysis for over 25 years and have the best oil analysis program in the country.

2007 DETROIT EGR – 200,000 MILES WITH NO OIL CHANGE
 NAME: Mark Arnold LEAD FROM: nemo
 DATE: 6-29-07
 UNIT ID: BIRSE0607
 For Label: 2007 FRT, DETROIT EGR, 515HP, 121,000, SHE ROTELLA



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

ANALYSIS REPORT

Customer Number: PM3739 Equipment: 07 FRT
 Unit Number: BIGHORSE0607 DETROIT 14.0
 Phone Number: 800-398-8114 Sender:
 Received Date: 12/03/08 Sample From: Engine
 Product: ROTELLA
 SAE: 15W40 Diesel
 Sample Date: 11/21/08

NOTES: 6-29-07- Ordered (1) O-2, (1) HD-Kit, (1) case of E (3) Titans, charged on cc.
 8-3-07- Rec'd sample, normal, soot at 0.4, mailed cpy.
 8-31-07- Rec'd sample, normal, soot at 0.4, mailed cpy.
 10-12-07- Rec'd sample, normal, soot at 1.0, mailed cpy.
 11-9-07- Rec'd sample, normal, soot at 0.8, mailed cpy.
 2-14-08- Rec'd sample, normal, soot at 0.8, mailed cpy.
 5-30-08- Rec'd sample, normal, soot at 0.8, mailed cpy.
 11-14-08- Rec'd sample, normal, soot at 0.8, mailed cpy.
 12-5-08- Rec'd sample, normal, soot at 0.8, mailed cpy.
AS OF 2-09- 200,000 MILES WITH NO OIL CHANGE

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 SK5208	14.8	40	0.4	NNN	1	1	21	2	0	2	1	1	0	13	0	2504	10	1	0	906	1	4	0	1140
2 SL9972	15.1	40	1.0	NNN	2	1	54	2	0	3	1	0	0	12	0	2623	7	1	0	989	0	4	0	1213
3 SM7932	14.6	40	0.8	NNN	2	1	65	0	2	2	1	0	0	12	0	2576	9	0	1	1119	0	2	0	1358
4 SP9753	15.2	40	0.8	NNN	2	2	59	4	1	3	1	0	0	14	0	2262	9	1	1	849	0	5	0	1123
5 ST5801	14.0	40	0.8	NNN	1	1	38	3	0	2	1	0	0	17	0	1945	3	1	0	797	0	4	0	986
6 SZ1000	15.4	40	0.8	NNN	1	1	38	4	4	1	1	2	0	15	0	2356	10	1	1	1046	0	3	0	1331
7 SZ7118	15.6	40	0.8	NNN	1	2	36	3	0	2	2	2	0	14	0	2185	10	1	0	926	0	4	0	1157

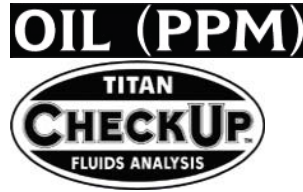
Maintenance Recommendations (Current Sample Only)
 VALUES NORMAL FOR THIS SAMPLE. RESAMPLE AT NORMAL INTERVAL.

Titan
 WEB: <http://www.titancheckup.com>
 EMAIL: sales@titancheckup.com
 PHONE: 1-800-848-4826

Lab No	Test Date	Drain Miles	Oil Added
1	7.7 082807	11000	2.5
2	8.0 101007	167800	2.5
3	7.7 110107	0	2.5
4	7.9 021208	227092	2.5 GAL
5	9.1 052808	287899	2.5 GAL
6	8.6 111208	0	0
7	7.8 120308	388033	2.5 GAL

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.

1999 CAT- 420,000 MILES WITH NO OIL CHANGE
 NAME: C Ott LEAD FROM: nemo DATE: 5-2-05
 UNIT ID: OTT505
 For Label: 99 FRT CENTURY WITH C-12 CAT



ANALYSIS REPORT

Customer Number: PM3739 Equipment: F112 CENTURY
 Unit Number: OTT505 CAT C12
 Phone Number: 800-398-8114 Sender:
 Received Date: 06/24/05 Sample From:
 Product:
 SAE: 15W40 Diesel
 Sample Date: 06/08/05

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

NOTES: 5-2-05- Ordered (1) O-2, (2) cases of E-1, (12) Titan kits,
 6-29-05- Talked with C, engine is only 410hp, he is going to go to
 12,000 change interval on Gulf Coast and we will look at next sample.

6-29-05- Rec'd sample, perfect, soot at 0.0, mailed cpy.
 8-3-05- Rec'd sample, perfect, soot at 0.2, mailed cpy.
 9-6-05- Rec'd sample, perfect, soot at 0.2, mailed cpy.
 10-4-05- Rec'd sample, perfect, soot at 0.2, mailed cpy.
 11-10-05- Rec'd sample, perfect, soot at 0.2, mailed cpy.
 12-19-05- Rec'd sample, normal, soot at 0.2, mailed cpy.
 1-11-06- Rec'd sample, normal, soot at 0.2, mailed cpy.
 2-23-06- Rec'd sample, normal, soot at 0.2, mailed cpy.
 3-15-06- Rec'd sample, normal, soot at 0.2, mailed cpy,
 4-28-06- Rec'd sample, normal, soot at 0.4, mailed cpy.
 6-7-06- Rec'd sample, normal, soot at 0.2, mailed cpy.
 7-1-06- Rec'd sample, normal, soot at 0.0, mailed cpy.
 8-3-06- Rec'd sample, normal, soot at 0.2, mailed cpy.
 9-8-06- Rec'd sample, normal, soot at 0.2, mailed cpy.
 10-12-06- Rec'd sample, normal, soot at 0.2, mailed cpy.
 11-14-06- Rec'd sample, normal, soot at F 0.2, mailed cpy.
 12-12-06- Rec'd sample, normal, soot at 0.2, mailed cpy.
200,000 miles with no oil change.

2-1-07- Rec'd sample, normal, soot at 0.2, mailed cpy.
 2-28-07- Rec'd sample, normal, soot at 0.2, mailed cpy.
 3-24-07- Rec'd sample, normal, soot at 0.2, mailed cpy.
 4-26-07- Rec'd sample, normal, soot at 0.2, mailed cpy.
 5-24-07- Rec'd sample, normal, soot at 0.2, mailed cpy.
 7-12-07- Rec'd sample, normal, soot at 0.2, mailed cpy.
 8-16-07- Rec'd sample, normal soot at 0.2, mailed cpy.
as of 9-07 309,000 with no oil change.

9-21-07- Rec'd sample, normal, soot at 0.2, mailed cpy.
 10-20-07- Rec'd sample, normal, soot at 0.2, mailed cpy.
 11-30-07- Rec'd sample, normal, soot at 0.2, mailed cpy.
 1-8-08- Rec'd sample, normal, soot at 0.2, mailed cpy.
 2-8-08- Rec'd sample, normal, soot at 0.2, mailed cpy.
 3-22-08- Rec'd sample, normal, soot at 0.2, mailed cpy.
 5-6-08- Rec'd sample, normal, soot at 0.4, mailed cpy.
 6-10-08- Rec'd sample, normal, soot at 0.4, mailed cpy.
 as of 6-08- 402,000 with no oil change.
 7-22-08- Rec'd sample, normal, soot at 0.2, mailed cpy.

AS OF 8-08- 420,000 MILES WITH NO OIL CHANGE.

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	Lead	Aluminum	Silicon (Dirt)	Antimony	Barium	Boron	Cadmium	Calcium	Magnesium	Molybdenum	Nickel	Phosphorus	Silver	Sodium	Titanium	Zinc		
1 QI6485	15.0	40	0.0	NNN	0	1	6	0	2	1	12	1	0	27	0	2522	495	54	0	1182	0	4	0	1421
1 QJ9078	14.4	40	0.2	NNN	1	2	14	2	3	1	14	0	0	21	0	2174	429	36	0	994	0	3	0	1121
2 QL0114	16.7	50	0.2	NNN	0	0	17	1	0	0	5	0	0	11	0	2238	446	42	0	928	0	1	0	1121
3 QM1594	16.8	50	0.2	NNN	1	3	32	8	3	1	17	4	0	14	0	2728	399	56	0	1495	0	2	0	1682
4 QN3792	16.7	50	0.2	NNN	0	0	26	3	0	0	1	1	0	4	0	2059	210	22	0	864	0	3	0	1116
5 QO6420	17.2	50	0.2	NNN	1	2	34	6	0	1	7	0	0	15	0	2317	260	27	0	1036	0	6	0	1167
6 QP3831	16.6	50	0.2	NNN	0	2	34	5	2	0	6	2	0	11	0	2255	199	28	0	885	0	5	0	1073
7 QQ6837	18.5	50	0.2	NNN	1	2	39	6	0	0	2	0	0	9	0	2781	174	24	0	1252	0	4	0	1309
8 QS6373	17.4	50	0.2	NNN	0	0	43	0	0	0	1	0	0	4	0	2814	110	13	0	1000	0	3	0	1211
1 QU1525	16.3	50	0.4	NNN	2	3	49	6	1	1	2	0	0	18	0	2902	217	26	0	1176	0	5	0	1416
2 QV5595	17.9	50	0.2	NNN	1	2	46	6	0	1	1	2	0	18	0	2321	207	27	0	1084	0	5	0	1341
3 QW3814	16.0	40	0.0	NNN	3	3	66	8	5	1	2	0	0	19	0	4364	324	40	0	1395	0	4	0	1750
4 QX4443	18.4	50	0.2	NNN	2	3	49	6	1	1	1	0	0	9	0	2805	162	18	0	1056	0	4	0	1157
5 QY8049	17.0	50	0.2	NNN	1	2	36	3	0	0	1	0	0	6	0	2317	86	10	0	806	0	4	0	969
6 SA1222	16.2	40	0.2	NNN	2	3	52	6	3	1	1	1	0	7	0	3339	102	13	0	1157	0	4	0	1390
7 SB2818	19.5	50	0.2	NNN	2	2	43	5	2	1	1	0	0	6	0	3151	77	10	0	964	0	4	0	1131
8 SC1689	16.6	50	0.2	NNN	2	3	46	5	3	1	1	1	0	7	0	3827	51	15	0	1346	0	8	0	1624
1 SD4674	16.1	40	0.2	NNN	0	1	30	4	0	0	1	0	0	0	0	2655	28	6	0	897	0	6	0	938
2 SE3191	17.9	50	0.2	NNN	0	1	31	2	0	0	1	0	0	0	0	2696	29	5	0	842	0	4	0	1062
3 SF1279	16.7	50	0.2	NNN	2	11	28	5	0	1	1	0	0	5	0	2810	33	10	0	1287	0	4	0	1409
4 SG2385	18.9	50	0.2	NNN	1	2	29	4	1	0	1	2	0	4	0	3078	45	10	0	1072	0	5	0	1165
5 SH2575	17.5	50	0.2	NNN	2	3	36	5	2	1	1	2	0	4	0	3251	27	14	0	1241	0	5	0	1581
6 SI8524	15.9	40	0.2	NNN	1	2	34	4	0	1	1	1	0	8	0	3117	20	17	0	1078	0	5	0	1306
7 SK0620	18.2	50	0.2	NNN	1	2	31	4	0	0	1	0	0	7	0	2880	11	9	0	1152	0	5	0	1386
8 SL2230	16.7	50	0.2	NNN	2	2	34	5	1	0	1	1	0	5	0	3070	28	9	0	1071	0	6	0	1237
1 SM2035	15.8	40	0.2	NNN	1	2	37	4	0	1	1	0	0	1	0	3178	10	15	0	964	0	6	0	1194
2 SN4668	15.4	40	0.2	NNN	1	2	33	5	0	0	1	0	0	5	0	3383	28	5	0	910	0	6	0	963
3 SO6989	14.6	40	0.2	NNN	1	2	36	5	1	1	1	0	1	6	0	2803	42	6	0	949	0	4	0	1188
4 SP7297	15.2	40	0.2	NNN	1	3	42	5	2	1	1	0	0	14	0	2678	26	6	0	844	0	9	0	1085
5 SR1208	15.8	40	0.2	NNN	1	4	27	1	0	1	1	1	0	2	0	3117	8	7	0	1027	0	7	0	1174
6 SS5004	14.3	40	0.4	NNN	1	4	46	6	2	1	1	0	0	7	0	2236	41	7	0	902	0	9	0	1098
7 ST9414	13.2	40	0.4	NNN	1	4	47	7	0	1	1	2	0	8	0	2241	34	6	0	896	0	8	0	1109
8 SV3681	13.8	40	0.2	NNN	1	4	46	6	0	1	1	0	0	4	0	2145	17	8	0	876	0	8	0	1171

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



Titan
 WEB: <http://www.titancheckup.com>
 EMAIL: sales@titancheckup.com
 PHONE: 1-800-648-4826

Lab No	TBN	Test Date	Drain Miles	Oil Added
1	7.5	101607	12750	0
2	7.2	112107	13513	2 GAL
3	6.4	010208	15173	2 GAL
4	7.1	020508	12638	2 GAL
5	8.8	031908	12052	1.5 GAL
6	6.7	042808	14948	0
7	8.2	060608	13305	1.5 GAL
8	7.1	071808	15389	1.5 GAL

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.

OIL (PPM)



ANALYSIS REPORT

2004 CAT – 430,000 MILES WITH NO OIL CHANGE

NAME: William White LEAD FROM: nemo DATE: 5-25-04

UNIT ID: WITE54

For Label: Equip. Make: 2004 Cat with 96,000 miles

Customer Number: PM3739

Equipment: WESTERN STAR

Unit Number: WILWHITE54

CAT C15

Phone Number: 800-398-8114

Sender:

Received Date: 09/29/05

Sample From:

Product: DELO

SAE: 15W40

Diesel

Sample Date: 09/18/05

NOTES: 5-25-04- Ordered (1) O-2, (1) case of E-1, (1) HD-KIT, (3) Titan Kits

8-1-04- Rec'd report, normal, soot at 0.1, mailed copy.

11-9-04- Rec'd report, soot at 0.1, copper still high but going down, mailed copy.

11-22-04- Rec'd sample, normal, soot at 0.1, copper down from 40 to 23, mailed copy.

1-5-05- Rec'd sample, normal, soot at 0.2, mailed copy. Copper at 32 because of new oil cooler.

5-23-05- Rec'd sample, normal, soot at 0.4, mailed cpy.

6-27-05- Rec'd sample, normal, soot at 0.4, mailed cpy.

10-25-05- Rec'd sample, normal, soot at 0.4, mailed cpy.

11-21-05- Rec'd sample, normal, soot at 0.6, mailed cpy.

4-18-06- Rec'd sample, normal, soot at 0.2, mailed cpy.

5-17-06- Rec'd sample, normal, soot at 0.4, mailed cpy.

6-20-06- Rec'd sample, normal, soot at 0.4, mailed cpy.

9-14-06- Rec'd sample, normal, soot at 0.2, mailed cpy.

9-26-06- Rec'd sample, normal, soot at 0.4, mailed cpy.

10-20-06- Rec'd sample, normal, soot at 0.2, mailed cpy.

1-9-07- Rec'd sample, normal, soot at 0.2, mailed cpy.

2-19-07- Rec'd sample, normal, soot at 0.4, mailed cpy.

3-15-07- Rec'd sample, normal, soot at 0.2, mailed cpy.

4-2-07- Rec'd sample, normal, soot at 0.2, mailed cpy.

4-26-07- Rec'd sample, normal, soot at 0.4, mailed cpy.

5-21-07- Rec'd sample, normal, soot at 0.4, mailed copy.

6-18-07- Rec'd sample, normal, soot at 0.6, mailed cpy.

7-20-07- Rec'd sample, normal, soot at 0.4, mailed cpy.

8-28-07- Rec'd sample, normal, soot at 0.6, , mailed cpy.

10-8-07- Rec'd sample, normal, soot at 0.4, mailed cpy.

11-9-07- Rec'd sample, normal, soot at 0.4, mailed cpy.

12-18-07- Rec'd sample, normal, soot at 0.4, mailed cpy.

1-22-08- Rec'd sample, normal, soot at 0.4, mailed copy.

2-29-08- Rec'd sample, normal, soot at 0.4, mailed cpy.

Last oil change at 190,341, now has 600,000, over 400,000 miles with no oil change.

3-31-08- Rec'd sample, normal, soot at 0.4, mailed cpy.

5-14-08- Rec'd sample, normal, soot at 0.4, mailed cpy.

AS OF 6-08 430,000 MILES WITH NO OIL CHANGE.

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 PX3938	17.2	50	0.1	NNN	0	713	0	3	0	4	0	0	15	0	2560	416	22	0	815	0	0	0	897	
2 PY8732	17.9	50	0.3	NNN	0	85	26	1	0	0	4	0	0	4	0	2891	195	13	0	1087	0	2	0	1137
3 QA9472	15.1	40	0.1	NNN	0	40	13	1	9	3	6	0	0	102	0	3777	19	229	0	1469	0	2	0	1595
4 QB4870	14.5	40	0.1	NNN	0	23	13	0	9	2	6	1	0	98	0	3301	15	223	0	1160	0	1	0	1368
5 QC8284	14.7	40	0.2	NNN	0	32	23	2	9	3	1	0	0	73	0	3160	13	307	0	1478	0	3	0	1750
6 QH6293	14.7	40	0.4	NNN	0	6	24	0	8	2	1	0	0	65	0	2727	6	189	0	945	0	1	0	1106
7 QI6478	16.9	50	0.4	NNN	0	6	34	2	12	4	3	2	0	48	0	3066	4	326	0	1209	0	2	0	1542
8 QM0138	15.6	40	0.4	NNN	0	246	112	3	39			1	0	57	0	3165	4	329	0	1306	0	1	0	1647
1 QN7935	12.7	40	0.6	NNN	1	3	60	4	8	2	7	0	0	42	0	2863	3	302	0	1040	0	2	0	1439
2 QT8537	13.5	40	0.2	NNN	2	1	31	2	6	2	1	2	0	48	0	2743	11	248	0	953	0	1	0	1143
3 QU8671	14.0	40	0.4	NNN	1	1	52	1	7	2	1	0	0	85	0	3746	12	322	0	1420	0	2	0	1553
4 QX0108	12.7	40	2.0	NNN	2	2	75	3	9	3	1	0	0	45	0	2673	6	244	0	1035	0	2	0	1234
5 QY9126	13.8	40	0.2	NNN	1	1	18	2	6	3	1	1	0	130	0	3765	6	309	0	1297	0	1	0	1546
6 QZ4378	13.8	40	0.4	NNN	0	1	39	0	10	5	1	0	0	117	0	3706	6	433	0	1555	0	3	0	1809
7 SA4528	14.1	40	0.2	NNN	0	1	32	0	8	3	1	0	0	88	0	3412	2	298	0	1125	0	2	0	1305
8 SB4508	13.7	40	0.4	NNN	0	2	56	4	6	3	1	0	0	81	0	3578	8	308	0	1393	0	4	0	1645
1 SC8133	13.9	40	0.2	NNN	1	1	49	3	10	4	1	0	0	91	0	3681	2	464	0	1498	0	2	0	1739
2 SD7723	13.8	40	0.4	NNN	0	1	44	2	6	2	1	0	0	69	0	3185	23	310	0	1499	0	3	0	1681
3 SE8920	13.9	40	0.2	NNN	1	2	45	2	11	4	1	0	0	88	0	3419	11	261	0	1210	0	2	0	1427
4 SF3712	13.8	40	0.2	NNN	0	2	46	2	7	3	1	0	0	193	0	2984	139	245	0	1394	0	4	0	1594
5 SG1147	14.0	40	0.4	NNN	0	2	55	2	9	3	1	0	0	146	0	3260	117	196	0	1231	0	3	0	1287
6 SH0531	14.2	40	0.4	NNN	1	2	48	2	6	4	1	0	0	250	0	2341	192	174	0	1042	0	6	0	1250
7 SH9521	13.9	40	0.6	NNN	1	2	56	3	9	4	1	1	0	243	0	2415	279	197	0	1315	0	3	0	1591
8 SJ1399	14.2	40	0.4	NNN	1	2	53	5	6	4	1	0	0	223	0	2231	315	105	0	1159	0	6	0	1291
1 SK3072	13.8	40	0.6	NNN	1	16	49	3	5	3	1	1	0	216	0	1989	268	125	0	1279	0	4	0	1530
2 SL7275	13.7	40	0.4	NNN	1	2	64	6	4	3	1	1	0	170	0	2355	280	124	0	1260	0	5	0	1386
3 SM7939	13.5	40	0.4	NNN	1	2	56	4	5	2	1	2	0	219	0	1950	357	111	1	1227	0	3	0	1438
4 SO1629	13.8	40	0.4	NNN	1	2	53	5	6	3	1	1	0	228	0	1788	345	93	0	1006	0	4	0	1162
5 SP1565	14.7	40	0.4	NNN	1	1	52	6	8	3	1	1	0	269	0	1834	403	114	0	1058	0	4	0	1347
6 SQ3988	14.5	40	0.4	NNN	1	1	41	3	4	2	1	0	0	292	0	1981	420	83	0	1101	0	3	0	1206
7 SR3203	13.6	40	0.4	NNN	1	1	39	3	1	2	1	0	0	262	0	1548	345	84	0	989	0	4	0	1180
8 ST0634	13.4	40	0.4	NNN	1	1	43	5	7	2	1	1	0	286	0	1687	438	100	1	1198	0	5	0	1423

Maintenance Recommendations

(Current Sample Only)

VALUES NORMAL FOR THIS SAMPLE. RESAMPLE AT NORMAL INTERVAL.



Titan
WEB: <http://www.titancheckup.com>
EMAIL: sales@titancheckup.com
PHONE: 1-800-848-4826

Lab No	TBN	Test Date	Drain Miles	Oil Added
1	7.9	082107	10300	2 GAL
2	7.3	100207	10000	2 GAL
3	6.9	110107	10000	0
4	6.5	121307	10000	0
5	6.7	011708	10000	2 GAL
6	7.7	022608	10000	2 GAL
7	7.3	032508	10000	0
8	7.3	051208	11852	2

2003 CAT C12- 510,000 MILES WITH NO OIL CHANGE

NAME: Earnie willer LEAD FROM: DATE: 8-30-04
 UNIT ID:WILLER84

For Label: Equip. CAT C-12 2003 Component Make:

NOTES: 8-30-04- Ordered (1) O-2, (1) case of E-1, (2) Titan kits,
 10-28-04- Rec'd sample, normal, soot at 0.1, mailed copy.
 12-15-04- Rec'd sample, normal, soot at 0.4, mailed copy.
 2-3-05- Rec'd sample, normal, soot at 0.4, mailed copy.
 4-5-05- Rec'd sample, normal, soot at 0.4, mailed cpy.
 6-10-05- Rec'd sample, normal, soot at 0.4, mailed cpy.
 Around 100,000 on the oil.

8-1-05- Rec'd sample, normal, soot at 0.4, mailed cpy.
 10-4-05- Rec'd sample, normal, soot at 0.6, mailed cpy.
 12-1-05- REc'd sample, normal, soot at 0.6, mailed cpy.
 2-17-06- Rec'd sample, normal, soot at 0.6, mailed copy.
 4-12-06- Rec'd sample, normal, soot at 0.6, mailed cpy.
200,000 no oil change.

6-5-06- Rec'd sample, normal, soot at 0.4, mailed cpy.
 8-21-06- Rec'd sample, normal, soot at 0.4, mailed cpy.
 10-24-06- Rec'd sample, normal, soot at 0.4, mailed copy,
 12-11-06- Rec'd sample, normal, soot at 0.2, mailed cpy.
As of 12-8-06- 268,000 miles with no oil change.

2-5-07- Rec'd sample, normal, soot at 0.4, mailed cpy.
 4-4-07- Rec'd sample, normal, soot at 0.2, sodium from 7 to 10,
AS OF 5-07- 313,000 WITH NO OIL CHANGE.

6-19-07- Rec'd sample, normal, soot at 0.2, sodium at 8, mailed cpy.
 9-5-07- Rec'd sample, normal, soot 0.4, sodium 10, told him to maybe
 run overhead and resample to keep eye out. Mailed cpy.
 9-13-07- 340,000 miles with no oil change, checked for coolant, no leak
 found yet.

10-20-07- Rec'd sample, normal, soot at 0.4, mailed cpy.
 11-30-07- Rec'd sample, normal, soot at 0.4, sodium at 12,
 1-4-08- Rec'd sample, normal, soot at 0.0, mailed cpy. SODIUM 12 TO 10.
 2-20-08- Rec'd sample, soot at 0.2, sodium 10 to 29, recommended
 pressure testing and resample, mailed cpy.
 4-1-08- Rec'd sample, soot at 0.2, sodium 29 to 30, Told him to check
 again and change filter early. Mailed cpy.
as of 5-08 446,000 with no oil change.

5-15-08- Rec'd sample, normal, soot at 0.4, sodium down to 23, mailed cpy.
 7-10-08- Rec'd sample, normal, soot at 0.4, sodium at 24, mailed cpy.
 8-29-08- Rec'd sample, normal, soot at 0.4, mailed cpy. Sodium 24 to 20.
 10-7-08- Rec'd sample, soot at 0.4, sodium 20 to 61, called Earnie,
 probably head gasket, he will check and let me know, mailed cpy.
as of 10-08- 460,000 with no oil change.

11-10-08- Ernie called, found leaking head gasket, replaced but did not do
 any other work to engine, engine was super clean and Ernie took photos
 where you could still see honing marks in the cylinders, no need to
 overhaul, engine only has 700,000. Earnie saved his oil and poured back
 in so he has now gone right at 500,000 miles without an oil change.

1-7-08- Rec'd sample, 1st since head gasket, soot at 0.2, copper 7 to
 376, sodium down from 61 to 29, he just replaced oil cooler, he will change
 filter early and resample, mailed cpy.
 2-11-09- Rec'd sample, normal, soot at 0.2, copper down to 140, mailed cpy.

**AS OF 3-09- 510,000 MILES
 WITH NO OIL CHANGE!!!!**

OIL (PPM)



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

ANALYSIS REPORT

Customer Number: PM3739 Equipment: KW T600
 Unit Number: ELITWILLER84 CAT C12
 Phone Number: 800-398-8114 Sender:
 Received Date: 06/08/05 Sample From:
 Product: DELO 400
 SAE: 15W40
 Diesel
 Sample Date: 05/27/05

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	Copper	Iron	Lead	Aluminum	Silicon (Dirt)	Antimony	Barium	Boron	Cadmium	Calcium	Magnesium	Molybdenum	Nickel	Phosphorus	Silver	Sodium	Titanium	Zinc		
1 QA4838	17.5	50	0.1	NNN	1	632	2	1	2	5	0	0	25	0	3537	9	76	0	1318	0	6	0	1484	
2 QC2583	17.0	50	0.4	NNN	0	632	1	4	2	6	1	0	33	0	3287	11	133	0	1319	0	5	0	1487	
3 QD8070	18.2	50	0.4	NNN	1	738	3	1	2	7	0	0	33	0	3359	7	168	0	1151	0	5	0	1399	
4 QF8036	16.2	40	0.4	NNN	0	436	2	2	1	4	0	0	16	0	3571	7	130	0	1291	0	5	0	1625	
5 QI0838	17.9	50	0.4	NNN	0	544	5	4	1	1	0	0	7	0	3752	9	72	0	1209	0	5	0	1347	
1 QJ7898	17.0	50	0.4	NNN	0	439	5	2	0	7	1	0	7	0	2919	5	100	0	1072	0	3	0	1345	
2 QM1592	17.6	50	0.6	NNN	1	648	12	6	2	13	3	0	15	0	3340	10	157	0	1599	0	6	0	1807	
3 QO1336	16.8	50	0.6	NNN	1	438	8	4	2	8	0	0	18	0	2556	8	127	0	1008	0	5	0	1192	
4 QQ5194	16.1	40	0.6	NNN	0	437	5	6	3	12	1	0	31	0	3095	6	195	0	1087	0	5	0	1274	
5 QT5672	16.7	50	0.6	NNN	1	436	3	5	4	6	0	0	34	0	2979	9	211	0	1141	0	5	0	1324	
6 QV4462	15.9	40	0.4	NNN	1	439	5	8	4	6	0	0	28	0	3059	5	209	0	1087	0	6	0	1267	
7 QY0818	16.7	50	0.4	NNN	0	438	5	6	3	1	2	0	17	0	2611	7	240	0	1034	0	5	0	1201	
8 SA5441	15.7	40	0.4	NNN	1	549	5	9	3	8	0	0	51	0	4449	11	504	1	1755	0	4	0	1874	
1 SC0637	16.5	50	0.2	NNN	0	221	1	18	2	1	0	0	21	0	1748	4	247	0	1086	0	4	0	1309	
2 SD6517	17.7	50	0.4	NNN	1	326	5	10	3	1	3	0	31	0	2202	4	196	0	757	0	7	0	1035	
3 SF3711	15.7	40	0.2	NNN	0	437	5	8	3	4	1	0	38	0	3163	29	296	0	1329	0	10	0	1528	
4 SI0529	16.5	50	0.2	NNN	1	435	5	11	5	1	1	0	36	0	2897	27	225	0	1062	0	8	0	1273	
5 SK6257	16.8	50	0.4	NNN	1	542	7	12	4	4	1	0	30	0	3025	0	302	0	1157	0	10	0	1480	
6 SM2515	17.0	50	0.4	NNN	1	541	5	12	4	1	0	0	30	0	2907	11	243	0	1018	0	9	0	1260	
7 SN5654	17.1	50	0.4	NNN	1	436	5	10	5	1	0	0	41	0	2817	11	271	0	1005	0	12	0	1239	
8 SO6954	15.5	40	0.4	NNN	1	432	5	11	4	1	1	0	40	0	2577	19	222	0	868	0	10	0	1099	
1 SQ0996	16.4	50	0.2	NNN	1	536	4	11	5	6	2	0	70	0	2409	93	276	0	1013	0	29	0	1384	
2 SR3725	16.3	50	0.2	NNN	1	438	5	13	4	10	2	0	129	0	2450	228	220	0	1143	0	30	0	1405	
3 ST1004	14.4	40	0.4	NNN	1	539	4	7	3	6	1	0	101	0	1756	239	152	0	893	0	23	0	1125	
4 SU9553	15.7	40	0.4	NNN	1	645	7	4	4	9	0	0	84	0	1552	255	107	0	777	0	24	0	1005	
5 SW5743	15.9	40	0.4	NNN	1	642	6	9	3	5	1	0	100	0	1503	321	131	0	898	0	20	0	1211	
6 SX8190	16.5	50	0.4	NNN	1	741	8	6	3	4	1	0	68	0	1461	306	121	0	810	0	61	0	1070	
7 TA5882	16.0	40	0.2	NNN	1	376	51	4	5	3	6	0	0	211	0	1598	392	93	0	946	0	29	0	1177
8 TB5607	16.1	40	0.2	NNN	0	140	24	2	0	1	1	0	0	198	0	979	247	62	0	619	0	11	0	828

Maintenance Recommendations
 (Current Sample Only)
 RESAMPLE 1/2 NORMAL INTERVAL TO MONITOR
 SYSTEM. COPPER IS HIGH.



Titan
 WEB: <http://www.titancheckup.com>
 EMAIL: sales@titancheckup.com
 PHONE: 1-800-848-4826

Lab No	TBN	Test Date	Drain Miles	Oil Added
1	7.5	021508	391351	2 GAL
2	6.5	032608	403077	2 GAL
3	6.3	051308	413826	1 GAL
4	6.6	070808	431167	2 GAL
5	6.2	082508	445326	1.5 GAL
6	6.4	100208	458805	1.5 GAL
7	5.5	010509	485505	2 GAL
8	6.6	020909	496200	1 GAL

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.

OIL (PPM)



ANALYSIS REPORT

2001 CAT - 500,000 MILES WITH NO OIL CHANGE
 NAME: John Best LEAD FROM: nemo DATE: 10-18-04
 UNIT ID: JBT1004
 For Label: C-15 475HP CAT WITH 80,000 MILES SINCE OVERHAUL.

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

Customer Number: PM3739 Equipment: FRT
 Unit Number: JBEST1004 CAT
 Phone Number: 800-398-8114 Sender:
 Received Date: 04/06/05 Sample From:
 Product: ROTELLA
 SAE: 15W40
 Diesel
 Sample Date: 03/30/05

NOTES: 10-18-04- Ordered (1) O-2, (1) case of E-1, (3) Titan kits,
 2-10-05- Rec'd sample, normal, soot at 0.2, mailed copy.
 3-14-05- Rec'd sample, normal, soot at 0.2, mailed copy.
 4-8-05- Rec'd sample, normal, soot at 0.2, mailed copy.
 5-11-05- Rec'd sample, normal, soot at 0.2, low wear, mailed copy.
 6-17-05- Rec'd sample, perfect, now wear, mailed copy.
 7-20-05- REC'd sample, normal, soot at 0.2, low wear, mailed copy.

110,000 with no oil change.

8-1-05- Rec'd sample, normal, soot at 0.2, mailed copy.
 9-6-05- Rec'd sample, normal, soot at 0.2, mailed copy.
 10-3-05- Rec'd sample, normal, soot at 0.2, Iron up to 80, talked with John, he has consistently been going 12-13K on filter changes, told him to change filter early after 6K to catch it up and to also run the overhead and make sure everything is in adjustment. Mailed copy.
 10-20-05- Rec'd sample, normal, soot at 0.2, mailed copy.
 11-15-05- Rec'd sample, normal, soot at 0.2, mailed copy.
 12-9-05- Rec'd sample, normal, soot at 0.2, mailed copy.
 1-4-06- Rec'd sample, normal, soot at 0.2, mailed copy.
 2-9-06- Rec'd sample, soot at 0.2, mailed copy.
 3-20-06- Rec'd sample, normal, soot at 0.4, mailed copy.
 4-12-06- Rec'd sample, normal, soot at 0.4, mailed copy.
 5-5-06- Rec'd sample, normal, soot at 0.2, Mailed copy. 220,000 without oil change. O-2 installed at 642,744, odometer stopped at 769,862, fixed and run another 94,000. 221,000 without an oil change.

5-30-06- Rec'd sample, normal, soot at 0.2, Iron down to 57, mailed copy.
 5-30-06- Talked with John, he is running overhead and checking injectors.

7-1-06- Rec'd sample, normal, soot at 0.2, mailed copy.
 8-1-06- Rec'd sample, normal, soot at 0.2, mailed copy.
 9-14-06- Rec'd sample, normal, soot at 0.2, mailed copy.
 11-10-06- Rec'd sample, normal, soot at 0.2, Iron at 72, mailed copy.

12-18-06- Rec'd sample, normal, soot at 0.2, mailed copy,
 1-29-07- Rec'd sample, normal, soot at 0.2, mailed copy,
 3-1-07- Rec'd sample, normal, soot at 0.2, mailed copy.

AS OF 3-07- OVER 317,000 MILES WITH NO OIL CHANGE.

4-13-07- Rec'd sample, normal, soot at 0.2, mailed copy.
 5-7-07- Rec'd sample, normal, soot at 0.2, mailed copy.
 6-11-07- Rec'd sample, normal, soot at 0.2, mailed copy.
 6-29-07- Talked with John, ran overhead, took photos and is sending them to me, he said his mechanic was amazed how clean the engine was.

7-16-07- Rec'd sample, normal, soot at 0.2, mailed copy.
as of 7-07- 350,000 with no oil change.

8-20-07- Rec'd sample, normal, soot at 0.2, mailed copy.
 9-21-07- Rec'd sample, normal, soot at 0.2, mailed copy.
 10-30-07- Rec'd sample, normal, soot at 0.2, mailed copy.
 11-28-07- Rec'd sample, normal, soot at 0.2, mailed copy.
 1-4-08- Rec'd sample, normal, soot at 0.2, mailed copy.
 2-1-08- Rec'd sample on normal, soot at 0.2, mailed copy.
 3-10-08- Rec'd sample, normal, soot at 0.2, mailed copy.
 4-4-08- Rec'd sample, normal, soot at 0.2, mailed copy.
 5-8-08- Rec'd sample, normal, soot at 0.2, mailed copy.

AS OF 5-08 440,000 with no oil change.

6-13-08- Rec'd sample, normal, soot at 0.2, mailed copy.
 7-18-08- Rec'd sample, normal, soot at 0.2, mailed copy.
 AS OF 8-08 455,000 WITH NO OIL CHANGE.
 8-22-08- Rec'd sample, normal, soot at 0.2, mailed copy.
 10-29-08- Rec'd sample, normal, soot at 0.2, mailed copy.

AS OF 12-08- 500,000 MILES WITH NO OIL CHANGE

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	Mn	Aluminum	Silicon (Dirt)	Antimony	Barium	Boron	Cadmium	Calcium	Magnesium	Molybdenum	Nickel	Phosphorus	silver	Sodium	Titanium	Zinc
1 QE0366	14.3	40	0.2	NNN	0	328	0	0	0	3	0	0	1	11	4455	22	0	0	1029	0	2	0	1169	
2 QE0371	14.2	40	0.0	NNN	0	9	0	0	0	1	0	0	0	7	4247	14	0	0	995	0	2	0	1094	
3 QF1295	14.3	40	0.2	NNN	0	331	0	0	0	8	0	0	1	11	4160	8	2	0	1224	0	2	0	1381	
4 QG0529	14.4	40	0.2	NNN	1	432	1	0	1	15	0	0	6	10	4296	12	4	1	1288	2	3	0	1374	
1 QH2212	14.4	40	0.2	NNN	0	228	0	0	0	8	2	0	0	4	3495	10	2	0	1005	0	2	0	1211	
2 QI2956	13.7	40	0.2	NNN	1	328	1	0	0	10	1	0	11	5	2952	5	3	0	930	0	2	0	1058	
3 QJ3760	14.1	40	0.2	NNN	0	134	0	0	0	7	1	0	0	2	2871	7	0	0	821	0	1	0	996	
4 QJ7881	15.0	40	0.2	NNN	0	245	0	0	0	10	0	0	0	2	3358	8	1	0	992	0	1	0	1200	
5 QL1054	14.2	40	0.2	NNN	0	255	0	0	0	6	0	0	0	0	3072	1	1	0	968	0	1	0	1157	
6 QM0128	13.6	40	0.2	NNN	0	480	0	1	0	19	2	0	0	2	3825	10	3	0	1302	0	3	0	1624	
7 QM6517	13.8	40	0.2	NNN	0	255	0	0	0	13	1	0	0	0	3095	8	1	0	1041	0	1	0	1319	
8 QN5458	14.2	40	0.2	NNN	0	257	0	0	0	12	1	0	0	0	3518	8	0	0	1017	0	1	0	1222	
1 QO3009	14.3	40	0.2	NNN	0	158	0	0	0	3	1	0	0	0	3456	12	0	0	1140	0	1	0	1399	
2 QP0987	15.2	40	0.2	NNN	1	369	0	3	0	7	0	0	1	1	3856	19	2	2	1053	0	2	0	1125	
3 QQ3118	14.9	40	0.2	NNN	1	362	0	1	0	1	0	0	2	0	3866	19	5	1	1447	0	3	0	1612	
4 QS6863	14.7	40	0.4	NNN	1	572	1	1	0	3	0	0	5	1	4211	19	5	2	1319	0	3	0	1391	
5 QT6233	14.8	40	0.4	NNN	1	672	0	0	1	2	1	0	1	0	3475	14	5	2	1143	0	4	0	1356	
6 QU4669	14.6	40	0.2	NNN	0	670	0	0	0	2	1	0	0	0	3705	19	3	0	1136	0	3	0	1363	
7 QV2507	14.4	40	0.2	NNN	1	557	1	1	0	1	0	0	3	0	3502	11	3	0	1160	0	4	0	1413	
8 QW3780	14.6	40	0.2	NNN	1	554	1	0	0	1	1	0	2	0	3318	13	3	1	1109	0	4	0	1336	
1 QX3403	14.4	40	0.2	NNN	1	661	1	0	0	1	2	0	1	4	0	3529	14	2	1	1138	0	4	0	1380
2 QY7467	14.8	40	0.2	NNN	1	566	1	0	0	1	2	0	0	0	3829	15	2	1	1211	0	3	0	1377	
3 SC3108	14.6	40	0.2	NNN	0	456	0	0	0	1	2	0	0	0	3511	13	0	0	1051	0	3	0	1268	
4 SD3160	14.5	40	0.2	NNN	0	350	0	0	0	1	3	0	0	0	3496	7	0	0	1059	0	2	0	1208	
5 SE4114	14.5	40	0.2	NNN	1	654	2	0	1	1	2	0	3	0	3124	9	2	2	1045	0	3	0	1262	
6 SF7053	14.3	40	0.2	NNN	2	761	1	0	1	1	4	0	5	0	3597	10	2	0	1166	0	5	0	1424	
1 SG5987	14.3	40	0.2	NNN	2	661	2	1	0	1	0	0	0	0	3997	16	2	3	1144	0	3	0	1219	
2 SH7452	14.9	40	0.2	NNN	2	659	2	0	1	2	2	0	7	0	3350	15	1	0	965	0	3	0	1154	
3 SI8958	14.3	40	0.2	NNN	2	654	2	0	1	1	0	0	5	0	3369	11	2	0	1073	2	4	0	1259	
4 SK1202	13.6	40	0.2	NNN	1	551	2	0	0	1	0	0	5	0	3134	8	1	0	858	0	5	0	1078	
5 SL2205	14.0	40	0.2	NNN	2	555	2	0	1	1	1	0	4	0	3402	12	1	4	1018	0	4	0	1162	
6 SM5013	14.4	40	0.2	NNN	1	448	1	0	0	1	1	0	0	0	3369	12	1	4	1095	0	3	0	1280	
7 SN4662	14.2	40	0.2	NNN	2	1151	4	0	0	1	0	0	3	0	3630	16	1	0	1136	0	4	0	1277	
8 SO6403	14.6	40	0.2	NNN	2	445	2	1	1	1	0	0	3	0	3350	15	1	0	982	0	3	0	1204	
1 SP5014	15.0	40	0.2	NNN	2	546	2	1	1	1	0	0	2	0	3566	15	1	5	1038	0	5	0	1328	
2 SQ6259	14.0	40	0.2	NNN	2	545	2	0	1	2	1	0	3	0	3372	13	1	5	1003	0	6	0	1305	
3 SR5683	15.0	40	0.2	NNN	2	443	2	0	1	1	1	0	0	0	3596	13	2	4	1098	0	3	0	1303	
4 SS8561	15.1	40	0.2	NNN	2	440	1	1	0	1	1	0	3	0	3569	19	4	4	1147	0	3	0	1364	
5 ST9924	15.3	40	0.2	NNN	1	333	1	0	1	2	1	0	2	0	3035	7	1	3	1020	0	2	0	1144	
6 SV2654	15.0	40	0.2	NNN	2	440	2	0	1	2	1	0	4	0	3161	14	2	3	882	0	5	0	1140	
7 SW3287	14.9	40	0.2	NNN	1	335	0	0	0	1	1	0	2	0	3210	19	2	3	1131	0	4	0	1423	
8 SY5268	15.4	40	0.2	NNN	2	336	0	0	0	1	1	0	2	0	3436	19	1	3	1010	0	4	0	1263	

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



Titan
 WEB: <http://www.titancheckup.com>
 EMAIL: sales@titancheckup.com

Lab No	TBN	Test Date	Drain Miles	Oil Added
1	7.6	012908	11188	3 GAL
2	9.4	030508	11043	3 GAL
3	8.3	040108	10135	3 GAL
4	9.2	050608	10852	3 GAL
5	10.	060908	9976	3 GAL
6	9.4	071608	10248	4 GAL

2006 VOLVO EGR- 409,000 MILES WITH NO OIL CHANGE

NAME: Lowell Gerdt LEAD FROM: nemo DATE: 10-11-05

UNIT ID: LOG1005

For Label: NEW 2006 VOLVO, VOLVO EGR

OIL (PPM)



ANALYSIS REPORT

Customer Number: PM3739 Equipment: 05 VOLVO

Unit Number: LOGEBH1005 Sender:

Phone Number: 800-398-8114 Sample From:

Received Date: 02/13/06 Product: CHEVRON

SAE: 15W40

Diesel

Sample Date:

Notes: 10-11-05- Ordered (1) O-2, (2) cases of E-1, (6) Titan kits, (2) Metric adaptors, charged on cc.

11-21-05- Rec'd sample, normal, soot at 0.6, mailed cpy.

12-19-05- Rec'd sample, normal, soot at 0.8, mailed cpy.

2-23-06- Rec'd sample, normal, iron at 61, soot at 1.0, this oil was changed, and an overhead was run, mailed copy.

3-30-06- Rec'd sample, normal, soot at 0.6, Iron at 43, mailed cpy.

5-3-06- Rec'd sample, normal, soot at 0.6, mailed cpy.

5-31-06- Rec'd sample, normal, soot at 1.2, mailed cpy.

7-25-06- Rec'd sample, normal, soot at 1.6, mailed cpy.

9-15-06- Rec'd sample, soot at 1.6, Mailed cpy.

10-10-06- Rec'd sample, normal, soot at 1.4, copper down from 29 to 23, mailed cpy.

12-18-06- Rec'd sample, normal, soot at 0.4, mailed copy,

12-21-06- Rec'd sample, normal, soot at 0.6, mailed cpy.

1-23-07- Rec'd sample, normal, soot at 0.4, mailed cpy.

2-27-07- Rec'd sample, normal, soot at 0.6, mailed cpy.

3-15-07- Rec'd sample, normal, soot at 0.8, mailed cpy.

4-13-07- Rec'd sample, normal, soot at 1.0, mailed cpy.

5-10-07- Rec'd sample, normal, soot at 1.0, mailed cpy.

6-19-07- Rec'd sample, normal, soot at 1.4, mailed cpy.

8-10-07- Rec'd sample, normal, soot at 1.4, mailed cpy.

9-21-07- Rec'd sample, normal, soot at 1.6, mailed cpy.

11-02-07- Rec'd sample, normal, soot at 1.4, mailed copy.

1-4-08- Rec'd sample, normal, soot at 1.2, mailed cpy.

2-8-08- Rec'd sample, normal, soot at 1.0, mailed cpy.

3-3-08- Rec'd sample, normal, soot at 0.8, mailed cpy.

3-22-08- Rec'd sample, normal, soot at 0.8, mailed cpy.

4-11-08- Rec'd sample, normal, soot at 1.0, mailed cpy.

5-28-08- Rec'd sample, normal, soot at 1.0, mailed cpy.

6-19-08- Rec'd sample, normal, soot at 1.2, mailed copy.

7-15-08- Rec'd sample, normal, soot at 1.2, mailed cpy.

As of 7-08- 290,000 with no oil change.

8-8-08- Rec'd sample, normal, soot at 1.4, mailed cpy.

8-28-08- Rec'd sample, normal, soot at 1.2, mailed cpy.

9-29-08- Rec'd sample, normal, soot at 1.4, mailed cpy.

10-29-08 - Rec'd sample, normal, soot at 1.4, mailed cpy.

11-26-08- Rec'd sample, normal, soot at 1.4, mailed cpy.

12-29-08- Rec'd sample, normal, soot 1.2, mailed cpy.

2-2-09- Rec'd sample, normal, soot at 1.0, mailed cpy.

AS OF 2-09- 409,000 WITH NO OIL CHANGE.

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

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 QN7942	13.0	40	0.6	NNN	11139	1	6	6	1	0	0	79	0	2873	11	148	1	1165	0	3	0	1622	
2 Q06419	15.6	40	0.8	NNN	11446	1	3	10	4	0	0	52	0	2588	13	90	1	1073	0	4	0	1217	
3 Q05198	19.7	50	1.0	NNN	01361	1	5	13	1	1	1	0	31	0	2469	7	89	1	880	0	2	0	1046
1 QT2139	17.3	50	0.6	NNN	1743	0	6	9	1	0	0	31	0	1959	110	73	2	860	0	1	0	1065	
2 QU3637	17.9	50	0.6	NNN	1865	1	5	10	1	1	0	47	0	3572	117	106	2	1237	0	2	0	1334	
3 QV3107	17.0	50	1.2	NNN	0668	0	4	8	1	1	0	34	0	2721	51	102	0	993	0	3	0	1239	
4 QX1614	16.2	40	1.6	NNN	0564	0	1	6	1	0	0	25	0	2188	27	74	0	816	0	2	0	981	
5 QZ1654	15.4	40	1.6	NNN	22986	2	4	9	1	2	0	22	0	3285	205	129	3	1478	0	4	0	1648	
6 SA1214	16.9	50	1.4	NNN	12364	1	5	6	1	1	0	27	0	2724	202	100	2	1119	0	5	0	1357	
7 SC2579	14.7	40	0.4	NNN	1715	1	5	3	1	1	0	40	0	2696	552	55	1	1157	0	2	0	1305	
8 SC4139	16.1	40	0.6	NNN	0213	0	0	0	1	0	0	16	0	1819	355	42	0	831	0	0	0	1012	
1 SD1585	16.1	40	0.4	NNN	0416	0	1	3	1	0	0	35	0	2490	446	87	1	1352	0	2	0	1676	
2 SE2192	15.0	40	0.6	NNN	0418	1	5	3	1	0	0	29	0	2343	464	45	0	995	0	1	0	1125	
3 SE8936	17.4	50	0.8	NNN	1424	1	4	5	1	1	0	25	0	2316	542	62	1	1171	0	2	0	1440	
4 SF7075	18.8	50	1.0	NNN	1525	0	2	5	1	1	0	16	0	1774	459	43	1	881	0	3	0	1072	
5 SG7112	16.5	50	1.0	NNN	1524	1	3	5	1	0	0	20	0	1785	715	54	1	996	0	5	0	1185	
6 SI0991	18.8	50	1.4	NNN	1527	1	2	5	3	0	0	13	0	1436	622	44	2	795	0	5	0	962	
7 SJ8736	20.0	50	1.4	NNN	1429	2	6	4	1	0	0	15	0	1653	437	55	2	819	0	3	0	1006	
8 SL2235	20.5	50	1.6	NNN	1430	3	4	5	1	2	0	10	0	1403	468	49	2	744	0	5	0	908	
1 SM6995	19.0	50	1.4	NNN	1325	2	5	4	3	2	0	90	0	1328	417	88	2	951	0	3	0	1307	
2 SO6421	18.1	50	1.2	NNN	1326	2	4	5	1	0	0	65	0	1270	501	51	1	671	0	5	0	831	
3 SP7309	18.8	50	1.0	NNN	1827	1	0	6	1	0	0	32	0	1154	520	51	1	722	0	6	0	935	
4 SQ4009	15.4	40	0.8	NNN	1221	1	3	6	1	1	0	33	0	1248	631	46	1	704	0	6	0	862	
5 SR0765	15.1	40	0.8	NNN	1320	2	4	6	1	0	0	25	0	1294	701	47	1	780	0	6	0	955	
6 SR8267	16.9	50	1.0	NNN	1220	1	2	6	1	1	0	18	0	1467	523	49	1	808	0	5	0	1005	
7 ST4503	14.8	40	1.0	NNN	1217	1	3	4	1	0	0	22	0	1354	639	48	1	823	0	5	0	990	
8 ST4504	15.0	40	1.0	NNN	1117	3	3	4	2	1	0	21	0	1282	694	48	1	828	0	7	0	978	
1 SU1902	17.1	50	1.2	NNN	1218	1	0	4	1	0	0	31	0	1182	509	42	1	679	0	5	0	850	
2 SV1215	16.3	50	1.2	NNN	0117	1	5	5	1	0	0	17	0	1136	576	46	1	708	0	6	0	916	
3 SV9403	16.5	50	1.4	NNN	1217	1	2	4	1	0	0	19	0	1089	587	43	1	696	0	7	0	869	
4 SW6269	14.4	40	1.2	NNN	1117	1	2	4	1	0	0	15	0	1126	689	40	1	694	0	8	0	848	
5 SX6012	15.7	40	1.4	NNN	1118	1	4	3	1	0	0	13	0	1242	722	42	1	742	0	6	0	964	
6 SY5284	15.9	40	1.4	NNN	1219	1	5	4	1	1	0	12	0	1238	718	47	1	751	0	6	0	1006	
7 SZ4602	17.0	50	1.4	NNN	1218	4	2	4	2	0	1	13	0	1055	594	38	1	622	0	6	0	837	
8 TA3123	16.0	40	1.2	NNN	11020	2	7	3	2	2	1	17	0	1239	813	49	1	847	0	4	0	1067	

Maintenance Recommendations

(Current Sample Only)

VALUES NORMAL FOR THIS SAMPLE. RESAMPLE AT NORMAL INTERVAL.



Titan
WEB: <http://www.titancheckup.com>
EMAIL: sales@titancheckup.com
PHONE: 1-800-848-4826

Lab No	Test Date	Drain Miles	Oil Added
1	8.5	061308	0
2	8.1	071108	0
3	8.2	080608	0
4	9.2	082608	0
5	8.8	092508	0
6	8.9	102308	0
7	8.3	112108	0
8	7.2	122308	0

OIL (PPM)



ANALYSIS REPORT

2006 CUMMINS EGR – OVER 400,000 WITH NO OIL CHANGE

NAME: Ronald Pickles LEAD FROM: nemo DATE: 8-20-04

UNIT ID: PICE84

EMAIL ALL SAMPLES TO: .com

For Label: NEW 2006 Peterbilt 379 CUMMINS EGR 565HP

NOTES: 8-20-04- Ordered (1) O-2, (2) cases of E-1, (10) Titan kits,

(2) metric adaptors, charged on cc. Cool installation behind front bumper.

7-20-05- Rec'd 1st sample, normal, soot at 0.2, low wear, mailed cpy.

9-6-05- Rec'd samples for 8-19 and 8-31, both normal, soot at 0.2 and 0.4, mail

9-20-05- Rec'd sample, normal, soot at 0.6, mailed cpy.

10-14-05- Rec'd sample, normal, soot at 0.8, mailed cpy.

10-20-05- Rec'd sample, normal, soot at 0.6, mailed cpy.

11-10-05- Rec'd sample, normal, soot at 0.8, mailed cpy.

11-30-05- Rec'd sample, normal, soot at 0.8, mailed cpy.

12-21-05- Rec'd sample, normal, soot at 0.8, mailed cpy.

5-15-06- Rec'd sample, normal, soot at 0.8, mailed cpy.

As of 5-06, 100,000 with no oil change.

5-24-06- Rec'd sample, normal, soot at 0.8, mailed cpy.

6-13-06- Rec'd sample, normal, soot at 0.8, mailed cpy.

7-10-06- Rec'd sample, normal, soot at 1.0, mailed cpy.

7-15-06- Rec'd sample, normal, soot at 0.8, mailed cpy.

7-21-06- Rec'd sample, normal, soot at 1.0, mailed cpy.

8-2-06- Rec'd sample, normal, soot at 1.2, mailed cpy.

9-8-06- Rec'd sample, normal, soot at 1.0, mailed cpy.

10-6-06- Rec'd sample, normal, soot at 1.2, mailed cpy.

10-19-06- Rec'd sample, normal, soot at 1.0, mailed cpy.

11-6-06- Rec'd sample, normal, soot at 0.8, mailed cpy.

11-17-06- Rec'd sample, normal, soot at 0.8, mailed cpy.

as of 11-06 230,000 with no oil change.

6-08-07- Rec'd sample, sodium at 11, soot at 0.8, emailed copy.

6-22-07- Rec'd sample, normal, soot at 0.8, mailed copy.

7-23-07- Rec'd sample, normal, soot at 0.8, mailed cpy.

8-07-07- Rec'd sample, normal, soot at 0.8, mailed copy.

9-14-07- Rec'd sample, normal, soot at 1.0, mailed cpy.

as of 9-07 280,000

9-28-07- Rec'd sample, normal, soot at 0.8, mailed cpy.

10-22-07- Rec'd sample, normal, soot at 1.0, mailed cpy.

11-6-07- Rec'd sample, normal, soot at 0.8, emailed cpy.

11-16-07- Rec'd sample, normal, soot at 1.0, emailed cpy.

12-3-07- Rec'd sample, normal, soot at 0.8, emailed cpy.

6-4-08- Rec'd sample, normal, soot at 1.0, emailed cpy.

7-7-08- Rec'd sample, normal, soot at 1.0, emailed cpy.

7-25-08- Rec'd sample, normal, soot at 1.0, Emailed cpy.

8-25-08- Rec'd sample, normal, soot at 1.0, emailed cpy.

9-10-08- Rec'd sample, normal, soot at 1.0, emailed cpy.

9-25-08- Rec'd sample, normal, soot at 1.0, mailed cpy.

10-13-08- Rec'd sample, normal, soot at 1.0, mailed cpy.

10-28-08- Rec'd sample, normal, soot at 1.0, mailed cpy.

**AS OF 11-08- 400,000 MILES WITH NO OIL CHANGE,
GCF RECORD FOR CUMMINS EGR**

12-5-08- Rec'd sample, normal, soot at 1.0, emailed cpy.

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

Customer Number: PM3739 Equipment: 06 PETE 379
Unit Number: PICKLE84 ISX 565HP
Phone Number: 800-398-8114 Sender:
Received Date: 08/31/05 Sample From:
Product: DELO
SAE: 15W40
Diesel
Sample Date: 08/21/05

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	Manganese	Aluminum	Silicon (Dirt)	Antimony	Barium	Boron	Cadmium	Calcium	Magnesium	Molybdenum	Nickel	Phosphorus	Silver	Sodium	Titanium
1 QJ3085	12.9	40	0.2	NNN	0	620	2	4	3	11	1	3	101	0	2565	9	282	0	1177	0	5	0	1422
2 QK5865	14.1	40	0.2	NNN	0	116	0	8	2	8	0	0	115	0	5246	16	329	0	1358	0	3	0	1340
3 QL0112	13.3	40	0.4	NNN	0	017	0	7	1	1	1	0	59	0	2874	0	241	0	962	0	2	0	1195
1 QL5580	13.5	40	0.6	NNN	1	225	2	7	3	10	1	0	53	0	2800	7	216	0	976	0	4	0	1119
2 QM2438	14.2	40	0.8	NNN	0	128	0	4	1	7	1	0	42	0	2646	4	294	0	1064	0	4	0	1347
3 QM6523	12.9	40	0.6	NNN	0	131	1	9	3	7	1	0	30	0	2714	8	229	0	1006	0	3	0	1316
4 QN3772	14.0	40	0.8	NNN	0	030	0	5	1	3	0	0	20	0	2137	0	163	0	744	0	3	0	971
5 QO0626	14.1	40	0.8	NNN	2	465	3	5	5	17	0	0	41	0	3418	8	283	0	1266	0	9	0	1602
6 QO7363	13.8	40	0.8	NNN	1	358	3	7	3	8	1	0	34	0	2892	5	280	0	1176	0	5	0	1468
7 QU6633	13.8	40	0.8	NNN	2	360	3	8	4	13	1	0	36	0	2834	6	257	1	1207	0	5	0	1554
8 QV1087	13.7	40	0.8	NNN	2	363	3	7	3	9	0	0	35	0	2890	6	189	2	945	0	5	0	1144
1 QV5931	14.3	40	0.8	NNN	2	369	4	8	3	10	1	0	33	0	3476	9	319	2	1275	0	7	0	1488
2 QW5765	14.2	40	1.0	NNN	1	255	1	7	3	2	0	0	24	0	2675	5	191	0	894	0	7	0	1125
3 QW7428	14.4	40	0.8	NNN	2	364	3	8	4	9	1	0	32	0	2906	5	269	1	1109	0	10	0	1420
4 QW9564	14.5	40	1.0	NNN	3	468	4	9	5	13	0	0	24	0	3323	8	178	1	1051	0	11	0	1308
5 QX3828	14.6	40	1.2	NNN	1	362	4	7	2	9	0	0	10	0	3634	10	200	1	1310	0	6	0	1502
6 QY8551	14.5	40	1.0	NNN	3	62	4	5	3	12	1	1	25	0	2812	6	163	0	924	0	6	0	1138
7 QZ8811	15.1	40	1.2	NNN	2	364	3	8	4	9	1	0	24	0	3564	8	169	1	1140	0	9	0	1356
1 SA3571	14.7	40	1.0	NNN	1	257	1	5	2	3	0	0	21	0	3890	10	165	0	1158	0	7	0	1290
2 SA8656	14.2	40	0.8	NNN	2	248	4	5	3	6	0	0	20	0	3230	6	129	1	928	0	6	0	1089
3 SB1726	14.1	40	0.8	NNN	0	139	1	4	1	2	2	0	17	0	2845	8	186	0	1182	0	4	0	1511
4 SB7660	14.2	40	0.8	NNN	0	140	1	5	2	1	1	0	30	0	2983	6	174	0	1012	0	7	0	1281
5 SH6458	14.4	40	0.8	NNN	2	251	3	8	4	6	2	0	45	0	3099	31	203	0	1147	0	11	0	1424
6 SI2029	14.1	40	0.8	NNN	2	252	5	11	4	7	2	0	42	0	3330	18	256	1	1293	0	6	0	1678
7 SI7624	13.9	40	0.8	NNN	2	251	4	12	5	4	1	0	46	0	3558	14	213	1	1279	0	8	0	1542
8 SJ2296	14.2	40	0.8	NNN	2	447	4	11	4	4	0	0	56	0	3205	54	257	0	1254	0	7	0	1625
1 SJR031	14.3	40	0.8	NNN	1	245	3	8	5	2	2	0	102	0	2871	82	207	0	1136	0	7	0	1377
2 SK9853	14.4	40	1.0	NNN	1	239	5	6	3	1	0	0	125	0	2785	116	181	0	1136	0	10	0	1308
3 SL4733	14.7	40	0.8	NNN	1	133	4	9	3	1	1	0	143	0	2562	163	152	0	1018	0	5	0	1281
4 SM3059	14.7	40	1.0	NNN	2	347	4	8	4	14	1	0	131	0	2864	162	188	0	1186	0	7	0	1517
5 SM6984	14.1	40	0.8	NNN	1	242	3	8	3	10	1	0	132	0	2337	162	211	0	1249	0	5	0	1711
6 SN2391	14.6	40	1.0	NNN	1	247	2	3	3	8	1	0	125	0	2519	160	131	0	1127	0	7	0	1336
7 SN6233	13.9	40	0.8	NNN	2	253	4	6	3	7	0	0	162	0	2560	250	103	0	1003	0	7	0	1223
8 ST7417	13.2	40	1.0	NNN	1	246	2	5	3	4	0	0	185	0	2119	248	109	0	1036	0	7	0	1275
1 SU8155	14.1	40	1.0	NNN	1	244	1	2	3	3	0	0	192	0	1823	273	92	0	924	0	8	0	1129
2 SV5164	14.0	40	1.0	NNN	1	246	3	5	3	3	1	0	202	0	1832	303	102	0	937	0	8	0	1229
3 SW3838	14.2	40	1.0	NNN	1	245	2	4	3	1	1	0	189	0	1876	288	101	0	945	0	8	0	1209
4 SW9804	13.8	40	1.0	NNN	1	242	1	4	3	1	0	0	191	0	1669	288	121	0	1059	0	7	0	1387
5 SX4469	14.6	40	1.0	NNN	1	244	3	6	3	1	2	0	194	0	1767	300	113	0	1009	0	7	0	1310
6 SX9882	14.9	40	1.0	NNN	1	443	2	5	3	1	1	0	216	0	1831	315	117	0	1095	0	6	0	1383
7 SY5288	14.9	40	1.0	NNN	1	246	1	7	4	1	0	0	222	0	1799	353	114	0	1035	0	6	0	1338
8 SZ7166	14.5	40	1.0	NNN	1	241	2	5	4	1	1	0	247	0	1647	355	103	0	985	0	6	0	1252

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



Titan
WEB: <http://www.titancheckup.com>
EMAIL: gas@titancheckup.com
PHONE: 1-800-949-4626

Lab No	Test Date	Drain Miles	Oil Added
1	7.6 070208	34713	2.5 GAL
2	7.0 072308	35697	2.5 GAL
3	7.9 081808	367401	2.5 GAL
4	7.7 090808	376108	2 GALLONS
5	7.8 092208	385832	2.5 GAL
6	8.0 100708	393473	2.5 GAL
7	7.8 102308	404245	2.5 GAL
8	6.5 120308	7890	2.5 GAL