



P.O. NUMBER CC: Visa (Bulk)
 CODE: 20/24309/12

UNIT NUMBER 02 GRND PRIX
 REPORT DATE: 8/31/07
 LAB NUMBER: D15547

OIL REPORT

CLIENT	CONTACT:	PHONE: (970) 980-4757
	NAME: MICHAEL B. CROWELL	FAX:
	ADDRESS: 117 OUT A WAY RD WETUMPKA, AL 36092	E-MAIL: britt@brittcrowell.com

UNIT	EQUIPMENT MAKE: GM	OIL USE INTERVAL: 7,930 Miles
	EQUIPMENT MODEL: 3.8L V-6	OIL TYPE & GRADE: Mobil 1 10W/30
	FUEL TYPE: Gasoline (Unleaded)	MAKE-UP OIL ADDED:
	ADDITIONAL INFO: 2002	

COMMENTS
 MICHAEL: Wear improved quite a bit in this sample but it still reads far too high. We think a few short oil runs (~3,000 miles) would do the trick of cleaning this engine up but it won't correct a bearing problem. We can't give your 3.8L a clean bill of health, as wear still reads well above average but we like the improvement. The oil was in good shape physically, containing no moisture, fuel, or coolant. The air and oil filters (silicon and insolubles) are working well too. Did you have a contamination problem with this engine earlier? Bearing wear is abnormal.

ELEMENTS IN PARTS PER MILLION	MI/HR ON OIL	7,930	UNIT / LOCATION AVERAGES	7,500							UNIVERSAL AVERAGES
	MI/HR ON UNIT	109,270		101,340							
	SAMPLE DATE	08/25/07		10/01/06							
ALUMINUM	3	4	4								3
CHROMIUM	1	2	2								1
IRON	31	47	62								13
COPPER	69	103	137								17
LEAD	147	287	427								8
TIN	5	9	13								1
MOLYBDENUM	84	87	90								56
NICKEL	1	1	1								0
MANGANESE	1	2	2								0
SILVER	0	0	0								0
TITANIUM	0	0	0								0
POTASSIUM	3	3	2								8
BORON	59	57	55								44
SILICON	12	14	16								11
SODIUM	6	7	8								12
CALCIUM	2288	2673	3058								2103
MAGNESIUM	13	16	19								96
PHOSPHORUS	604	647	690								697
ZINC	799	868	937								846
BARIIUM	0	0	0								0

PROPERTIES	TEST	cST VISCOSITY @ 40 °C	SUS VISCOSITY @ 100 °F	VISCOSITY INDEX	cST VISCOSITY @ 100 °C	SUS VISCOSITY @ 210 °F	FLASHPOINT IN °F	FUEL %	ANTIFREEZE %	WATER %	INSOLUBLES %
	VALUES SHOULD BE					59-68	>365	<2.0	0	0.0	<0.6
	TESTED VALUES WERE					67.4	405	<0.5	0.0	0.0	0.2