



P.O. NUMBER Prepaid
 CODE: 20/26236/286

UNIT NUMBER 06 RAM
 REPORT DATE: 4/12/07
 LAB NUMBER: D02306

OIL REPORT

CLIENT	CONTACT:	PHONE: (858) 722-9070
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UNIT	EQUIPMENT MAKE: Cummins	OIL USE INTERVAL: 5,000 Miles
	EQUIPMENT MODEL: 6 BT 5.9 Liter	OIL TYPE & GRADE: Valvoline Premium Blue
	FUEL TYPE: Diesel	MAKE-UP OIL ADDED: 12 qts
	ADDITIONAL INFO:	

COMMENTS
 NICK: Amended report with correct miles on engine. Wear was excellent in this sample. Universal averages show typical wear from this engine after about 6700 miles on the oil. You ran your oil 5000 miles and wear generally read lower than average, which is great considering this engine was still wearing in when this oil went into use. No fuel dilution or coolant present. Silicon was low at 3 ppm, showing no problems at the air filtration system. The TBN read 8.8, still plenty of active additive left. At 12,880 miles, this engine appears to be doing very well. Try 6500 miles next.

ELEMENTS IN PARTS PER MILLION	MI/HR ON OIL	5,000	UNIT / LOCATION AVERAGES							UNIVERSAL AVERAGES
	MI/HR ON UNIT	19,880								
	SAMPLE DATE	04/08/07								
ALUMINUM	1	1								4
CHROMIUM	1	1								2
IRON	22	22								23
COPPER	2	2								4
LEAD	3	3								2
TIN	0	0								1
MOLYBDENUM	35	35								23
NICKEL	0	0								0
MANGANESE	0	0								0
SILVER	1	1								0
TITANIUM	0	0								0
POTASSIUM	1	1								2
BORON	2	2								89
SILICON	3	3								7
SODIUM	4	4								4
CALCIUM	1047	1047								2861
MAGNESIUM	822	822								244
PHOSPHORUS	879	879								1082
ZINC	1077	1077								1261
BARIUM	0	0								1

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					69-78	>415	<2.0	0	<0.1	<0.8
	TESTED VALUES WERE					74.2	425	<0.5	0.0	0.0	0.3