



P.O. NUMBER CC: Visa (Prepaid)
 CODE: 20/28224/286

UNIT NUMBER ANDY'S CTD
 REPORT DATE: 9/20/07
 LAB NUMBER: D17510

OIL REPORT

CLIENT	CONTACT:	PHONE: (219) 613-6585
	NAME: ANDY MATTOX	FAX:
	ADDRESS: 206 E. LINCOLN ST. KENTLAND, IN 47951	E-MAIL: andyjeep@hotmail.com

UNIT	EQUIPMENT MAKE: Cummins	OIL USE INTERVAL: 5,000 Miles
	EQUIPMENT MODEL: 6 BT 5.9 Liter	OIL TYPE & GRADE: Mobil Delvac 15W/40
	FUEL TYPE: Diesel	MAKE-UP OIL ADDED: 0 qts
	ADDITIONAL INFO: 2003 Ram 2500	

COMMENTS
 ANDY: Everything looks good in the first sample from your Ram. Universal averages for this type of Cummins engine are based on an oil run of 6700 miles. Your oil was run 5000 miles and you can see that your wear read lower than averages, as it should. The only thing that kept this from being a perfect report was the fuel, which is not a problem at this level. No other harmful contaminants were found and the air and oil filters (silicon and insolubles) are working well. The TBN read 8.6, still plenty of active additive left. A reading of 1.0 is too low. Try 6K miles next.

ELEMENTS IN PARTS PER MILLION	MI/HR ON OIL	5,000	UNIT / LOCATION AVERAGES							UNIVERSAL AVERAGES
	MI/HR ON UNIT	148,260								
	SAMPLE DATE	09/08/07								
ALUMINUM	3	3								3
CHROMIUM	1	1								2
IRON	13	13								23
COPPER	2	2								4
LEAD	1	1								2
TIN	0	0								1
MOLYBDENUM	44	44								24
NICKEL	0	0								0
MANGANESE	0	0								0
SILVER	1	1								0
TITANIUM	0	0								0
POTASSIUM	8	8								2
BORON	48	48								86
SILICON	3	3								7
SODIUM	5	5								4
CALCIUM	1220	1220								2857
MAGNESIUM	812	812								237
PHOSPHORUS	822	822								1084
ZINC	974	974								1264
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					68-80	>410	<2.0	0	0.0	<0.7
	TESTED VALUES WERE					74.1	400	1.0	0.0	0.0	0.2