



OIL REPORT

LAB NUMBER: D25692 UNIT ID: DODGE
 REPORT DATE: 12/12/2007 CLIENT ID: 29285
 CODE: 20/286 PAYMENT: CC: MC

UNIT	MAKE/MODEL: Cummins 6.7L	OIL TYPE & GRADE: Mopar 15W/40
	FUEL TYPE: Diesel	OIL USE INTERVAL: 4,920 Miles
	ADDITIONAL INFO: 2007	

CLIENT	ROWDY YOUNG	PHONE: (806) 787-1110
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COMMENTS ROWDY: No problems were found in the first sample from your Cummins. All wear read close to universal averages and in the proper balance despite this oil being run longer than average. Universal averages for the 6.7L are based on an oil run of ~3,100 miles. This oil was run nearly 2,000 miles longer than that and we see no reason not to run the next oil longer. Try 6,000 miles next time. You had plenty of active additive left for the extra miles with the TBN read 6.4. 1.0 is low. The trace of fuel isn't a problem and no other harmful contaminants were found.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	4,920	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	20,762						
	Sample Date	12/05/07						
	Make Up Oil Added	0 qts						
ALUMINUM	1	1					2	
CHROMIUM	1	1					2	
IRON	19	19					16	
COPPER	5	5					8	
LEAD	1	1					3	
TIN	0	0					1	
MOLYBDENUM	46	46					29	
NICKEL	0	0					0	
MANGANESE	0	0					0	
SILVER	0	0					0	
TITANIUM	0	0					0	
POTASSIUM	2	2					2	
BORON	37	37					72	
SILICON	3	3					5	
SODIUM	6	6					2	
CALCIUM	1238	1238					2249	
MAGNESIUM	793	793					356	
PHOSPHORUS	897	897					991	
ZINC	1081	1081					1180	
BARIUM	0	0					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	71.3	68-78				
	cSt Viscosity @ 100°C	13.30	12.4-15.3				
	Flashpoint in °F	405	>405				
	Fuel %	TR	<2.0				
	Antifreeze %	0.0	0				
	Water %	0.0	0.0				
	Insolubles %	0.4	<0.7				
	TBN	6.4					
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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