



OIL REPORT

LAB NUMBER: H72754

UNIT ID: 09 DODGE

REPORT DATE: 8/23/2016

CLIENT ID: 98770

CODE: 20/32

PAYMENT: CC: Visa

UNIT

MAKE/MODEL: Cummins ISB 6.7L (Pickup)
FUEL TYPE: Diesel
ADDITIONAL INFO: 2500

OIL TYPE & GRADE: Valvoline 15W/40
OIL USE INTERVAL: 2,890 Miles

CLIENT

PHONE:
FAX:
ALT PHONE:
EMAIL:

COMMENTS

STEVE: We're not sure what prompted the short oil change suggestion by the computer. We didn't find any fuel contamination in the oil, and no coolant, water, or other contamination was found either. Wear metals are looking pretty good for the most part. Averages for this engine type are based on about 7,000 miles on the oil, so on a ppm/mile basis, iron is maybe a shade high, but it's certainly not out of line. If your engine sees hard use or lots of idling, a little extra iron may be the norm. Seems fine from here. Note that titanium is oil additive -- it's fine.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	2,890	UNIT / LOCATION AVERAGES							UNIVERSAL AVERAGES
	MI/HR on Unit	68,290								
	Sample Date	8/9/2016								
	Make Up Oil Added	0 qts								
	ALUMINUM	1		1						
	CHROMIUM	1		1						
	IRON	14		14						
	COPPER	1		1						
	LEAD	0		0						
	TIN	0		0						
	MOLYBDENUM	41		41						
	NICKEL	0		0						
	MANGANESE	0		0						
	SILVER	0		0						
	TITANIUM	24		24						
	POTASSIUM	3		3						
	BORON	1		1						
	SILICON	3		3						
	SODIUM	7		7						
	CALCIUM	1113		1113						
	MAGNESIUM	952		952						1661
	PHOSPHORUS	1019		1019						585
	ZINC	1212		1212						1029
	BARIUM	0		0						1220
										0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	70.0	68-79					
	cSt Viscosity @ 100°C	12.96	12.4-15.5					
	Flashpoint in °F	425	>415					
	Fuel %	<0.5	<2.0					
	Antifreeze %	0.0	0.0					
	Water %	0.0	<0.1					
	Insolubles %	0.5	<0.6					
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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