



OIL REPORT

LAB NUMBER: K52138

UNIT ID: 17 RAM ED

REPORT DATE: 9/11/2018

CLIENT ID: 63851

CODE: 63/32

PAYMENT: CC: Visa

UNIT

MAKE/MODEL: VM Motori 3.0L DOHC V-6 EcoDiesel
FUEL TYPE: Diesel
ADDITIONAL INFO: CC 4x4, GDE hot tune installed

OIL TYPE & GRADE: Shell Rotella T6 5W/40
OIL USE INTERVAL: 5,000 Miles

CLIENT

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COMMENTS

JOHN: Congrats on the new Ram. These are normal results for a factory oil fill run 5,000 miles. There's extra metal and silicon from new parts and sealer material, but it shouldn't be long before the engine starts looking more like universal averages. They show typical wear for the 3.0L EcoDiesel with about 8,200 miles on the oil. We'd bet you could run close to the average interval next time and still find improvements, so feel free to try a longer interval if you'd like. The flashpoint temp denotes a harmless 0.5% fuel dilution. This engine is off to a good start.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	5,000	UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
	MI/HR on Unit	5,000							
	Sample Date	8/29/2018							
	Make Up Oil Added	0 qts							
	ALUMINUM	9							5
	CHROMIUM	2							1
	IRON	48							27
	COPPER	9							3
	LEAD	0							0
	TIN	0							0
	MOLYBDENUM	42							27
	NICKEL	0							0
	MANGANESE	5							1
	SILVER	2							2
	TITANIUM	0							0
	POTASSIUM	33							13
	BORON	40							73
	SILICON	36							12
	SODIUM	8							5
	CALCIUM	817							1493
	MAGNESIUM	1147							338
	PHOSPHORUS	1069							858
	ZINC	1206							990
	BARIUM	34							0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	74.6	66-78					
	cSt Viscosity @ 100°C	14.15	11.9-15.3					
	Flashpoint in °F	405	>410					
	Fuel %	0.5	<2.0					
	Antifreeze %	0.0	0.0					
	Water %	0.0	0.0					
	Insolubles %	0.2	<0.6					
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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