



OIL REPORT

LAB NUMBER: M35242
 REPORT DATE: 6/22/2020
 CODE: 20/68

UNIT ID: 14 RAM 1500
 CLIENT ID:
 PAYMENT: CC:

UNIT	MAKE/MODEL: VM Motori 3.0L DOHC V-6 EcoDiesel	OIL TYPE & GRADE: Shell Rotella T6 5W/40
	FUEL TYPE: Diesel	OIL USE INTERVAL: 5,198 Miles
	ADDITIONAL INFO:	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS : Tracking mileage on the truck is perfectly fine. Just let us know the truck's mileage when the last sample was taken and we'll update it for you. This latest sample looks great. You used a slightly longer run and wear metals are a smidge higher, just as we'd expect. There's no reason to think any issues exist or that any are on the horizon based on this data. Internal parts are working well together, and the only contaminant that showed up was some fuel, as evidenced by a low flashpoint. 1.5% fuel isn't harmful and it's from normal use. Try ~7,000 miles.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	5,198	UNIT / LOCATION AVERAGES	4,806					
	MI/HR on Unit	101,114		17,590					UNIVERSAL AVERAGES
	Sample Date	5/16/2020		4/20/2019					
	Make Up Oil Added	0 qts		0 qts					
ALUMINUM	4	4	3						5
CHROMIUM	1	1	1						1
IRON	23	21	19						24
COPPER	2	2	2						3
LEAD	0	0	0						0
TIN	0	0	0						0
MOLYBDENUM	6	4	1						19
NICKEL	0	0	0						0
MANGANESE	0	1	1						0
SILVER	1	1	0						1
TITANIUM	1	1	1						1
POTASSIUM	3	3	3						13
BORON	130	131	131						89
SILICON	6	7	7						11
SODIUM	6	6	5						5
CALCIUM	2054	1993	1932						1678
MAGNESIUM	94	92	89						257
PHOSPHORUS	1002	987	972						899
ZINC	1104	1085	1065						1028
BARIUM	0	0	0						0

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	75.3	66-78	72.1				
	cSt Viscosity @ 100°C	14.32	11.9-15.3	13.51				
	Flashpoint in °F	395	>410	430				
	Fuel %	1.5	<2.0	<0.5				
	Antifreeze %	0.0	0.0	0.0				
	Water %	0.0	0.0	0.0				
	Insolubles %	0.3	<0.6	0.2				
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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