



OIL REPORT

LAB NUMBER: P62902
REPORT DATE: 4/19/2022
CODE: 63/68

UNIT ID: 18 RAM 2500
CLIENT ID: 200048
PAYMENT: Prepaid

UNIT

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

OIL TYPE & GRADE: Shell Rotella T4 15W/40
OIL USE INTERVAL: 9,500 Miles

CLIENT

GARY PIERCE
285 DILLARD RD.
ROSSVILLE, TN 38066

PHONE:

FAX:

ALT PHONE:

EMAIL:

COMMENTS

GARY: Thanks for letting us know about the rising oil level. This report doesn't show a likely reason for it, such as fuel or water. Potassium is just high enough to raise the possibility of coolant, but this diesel is also young enough that potassium is more likely harmless flux washing out. With sodium (the other coolant marker) at a normal level, potassium is just an element to check back on. Iron is high for mileage on the oil, maybe from dirt since silicon is also high. Check for intake leaks. Lucas normally thickens the oil, so the low viscosity is curious but not a concern.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	9,500	UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
	MI/HR on Unit	51,804							
	Sample Date	4/4/2022							
	Make Up Oil Added	0 qts							
	ALUMINUM	7	7						4
	CHROMIUM	1	1						1
	IRON	86	86						24
	COPPER	2	2						5
	LEAD	0	0						0
	TIN	0	0						0
MOLYBDENUM	6	6						29	
NICKEL	0	0						0	
MANGANESE	1	1						0	
SILVER	0	0						3	
TITANIUM	0	0						9	
POTASSIUM	20	20						75	
BORON	98	98						5	
SILICON	36	36						6	
SODIUM	4	4						1774	
CALCIUM	2293	2293						467	
MAGNESIUM	80	80						1021	
PHOSPHORUS	1058	1058						1191	
ZINC	1255	1255						0	
BARIUM	0	0							

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	67.5	69-79				
	cSt Viscosity @ 100°C	12.29	12.7-15.5				
	Flashpoint in °F	420	>415				
	Fuel %	<0.5	<2.0				
	Antifreeze %	?	0.0				
	Water %	0.0	0.0				
	Insolubles %	0.3	<0.6				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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