



OIL REPORT

LAB NUMBER: P14598

UNIT ID: 19 RAM 3500

REPORT DATE: 12/2/2021

CLIENT ID: [REDACTED]

CODE: 44/698

PAYMENT: CC Online

UNIT

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

OIL TYPE & GRADE: Chevron Delo 600 ADF 10W/30
OIL USE INTERVAL: 9,090 Miles

CLIENT

[REDACTED]
[REDACTED]
[REDACTED]

PHONE: [REDACTED]
FAX:
ALT PHONE:
EMAIL: [REDACTED]

COMMENTS

RONALD: This is actually the first sample we've seen of this new Delo oil. We created a new oil type for it and gave it the normal properties of a 10W/30, though sometimes we need to tweak those "should be" specs as we learn more about a new oil. Potassium showed up in a big way. It's probably from the new emissions system and should wash out over time. If you want, send in a sample of this oil (no charge) and we'll check the additives to see if it uses potassium [REDACTED] Other additives are surprisingly low. Metals should improve with time. The TBN is low at 1.0.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	9,090	UNIT / LOCATION AVERAGES	7,182					
	MI/HR on Unit	16,272		7,182					
	Sample Date	11/10/2021		11/4/2020					
	Make Up Oil Added	0 qts		0 qts					
	ALUMINUM	19	19	13					4
	CHROMIUM	2	2	1					1
	IRON	104	104	106					24
	COPPER	15	15	79					5
	LEAD	0	0	1					0
	TIN	1	1	1					0
	MOLYBDENUM	1120	1120	49					30
	NICKEL	1	1	0					0
	MANGANESE	2	2	5					0
	SILVER	0	0	0					0
	TITANIUM	0	0	0					3
	POTASSIUM	545	545	90					9
	BORON	160	160	31					75
	SILICON	22	22	42					5
	SODIUM	11	11	13					6
	CALCIUM	613	613	1535					1766
	MAGNESIUM	155	155	648					471
	PHOSPHORUS	111	111	1081					1023
	ZINC	135	135	1257					1192
	BARIUM	1	1	11					0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	61.6	58-66	64.7				
	cSt Viscosity @ 100°C	10.67	9.7-12.2	11.53				
	Flashpoint in °F	475	>415	405				
	Fuel %	<0.5	<2.0	1.0				
	Antifreeze %	0.0	0.0	0.0				
	Water %	0.0	0.0	0.0				
	Insolubles %	0.4	<0.6	0.3				
	TBN	1.0	>1.0	5.2				
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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