OIL REPORT

LAB NUMBER: J73998 **UNIT ID:** 52 FORD
REPORT DATE: 10/31/2017 **CLIENT ID:** 116886
CODE: 20/685 **PAYMENT:** Prepaid

UNIT

MAKE/MODEL: Ford (Classic) V-8 Flathead
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO: 239 V8
OIL TYPE & GRADE: Mobil 1 10W/30
OIL USE INTERVAL: 4,200 Miles

CLIENT

ROSS COLLORD
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COMMENTS

ROSS: We don't see a lot of Flathead V-8s so we'll mainly be looking at trends to spot an issue. On a first pass though, these results look good. Wear metals are reading at fine levels compared to universal averages, and those are based on a shorter interval of ~1,600 miles. No obvious issues stand out here. Sodium can show coolant, but that element is also used in some oils as additive so this 60 ppm may be residual from one of those. No fuel was found and the viscosity is in spec. The TBN of 5.4 shows plenty of active additive left since 1.0 is low. Check back in 5,000 miles.

ELEMENTS IN PARTS PER MILLION

		UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
MI/HR on Oil	4,200							
MI/HR on Unit	14,400							
Sample Date	10/23/2017							
Make Up Oil Added	0 qts							
ALUMINUM	8	8						5
CHROMIUM	3	3						2
IRON	57	57						45
COPPER	11	11						17
LEAD	13	13						77
TIN	2	2						2
MOLYBDENUM	66	66						72
NICKEL	0	0						0
MANGANESE	1	1						2
SILVER	0	0						0
TITANIUM	0	0						0
POTASSIUM	3	3						8
BORON	49	49						42
SILICON	9	9						14
SODIUM	**60**	60						106
CALCIUM	1079	1079						1991
MAGNESIUM	591	591						151
PHOSPHORUS	660	660						1329
ZINC	758	758						1481
BARIUM	1	1						1

PROPERTIES

		Values Should Be*					
SUS Viscosity @ 210°F	59.9	58-68					
cSt Viscosity @ 100°C	10.19	9.7-12.7					
Flashpoint in °F	435	>365					
Fuel %	<0.5	<2.0					
Antifreeze %	**?**	0.0					
Water %	0.0	0.0					
Insolubles %	0.2	<0.6					
TBN	5.4	>1.0					
TAN							
ISO Code							

*** THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE**

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