



OIL REPORT

LAB NUMBER: J69575 UNIT ID: 49 FORD
 REPORT DATE: 10/17/2017 CLIENT ID: 116064
 CODE: 20/685 PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Ford (Classic) V-8 Flathead	OIL TYPE & GRADE: Mobil 1 10W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 8,100 Miles
	ADDITIONAL INFO:	

CLIENT	FRANK MILLER	PHONE: (508) 864-5821
	186 CENTRAL ST	FAX:
	AUBURN, MA 01501	ALT PHONE:
		EMAIL: fordsnharleys@yahoo.com

COMMENTS FRANK: Wear metals look surprising good considering the use that the engine saw and the miles on the oil. Universal averages show typical wear levels for this type of engine after about 1,600 miles on the oil, so a little more metal than average after 8,100 miles is not unexpected. Sodium can show coolant, but this much isn't enough to say for sure. It could be residual additive from previous oil. The viscosity is thick, perhaps showing excess heat, but that didn't translate into high wear, so it's hard to call a problem. The TBN is fine at 4.9. Try 9,000 miles on the next oil.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	8,100	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	25,000						
	Sample Date	9/28/2017						
	Make Up Oil Added	0 qts						
ALUMINUM	6	6					5	
CHROMIUM	3	3					1	
IRON	112	112					44	
COPPER	12	12					18	
LEAD	22	22					82	
TIN	0	0					2	
MOLYBDENUM	85	85					73	
NICKEL	1	1					0	
MANGANESE	2	2					2	
SILVER	0	0					0	
TITANIUM	0	0					0	
POTASSIUM	0	0					9	
BORON	53	53					42	
SILICON	9	9					14	
SODIUM	33	33					110	
CALCIUM	1399	1399					2062	
MAGNESIUM	740	740					117	
PHOSPHORUS	758	758					1381	
ZINC	900	900					1537	
BARIUM	1	1					1	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	80.3	58-68				
	cSt Viscosity @ 100°C	15.60	9.7-12.7				
	Flashpoint in °F	365	>365				
	Fuel %	TR	<2.0				
	Antifreeze %	?	0.0				
	Water %	0.0	0.0				
	Insolubles %	0.2	<0.6				
	TBN	4.9	>1.0				
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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