



OIL REPORT

LAB NUMBER: F26079 UNIT ID: 98 F250
REPORT DATE: 10/24/2012 CLIENT ID:
CODE: PAYMENT

UNIT	EQUIP. MAKE/MODEL: Ford 5.4L V-8	OIL TYPE & GRADE: Motorcraft 5W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 4,935 Miles
	ADDITIONAL INFO:	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS	CODY: Aluminum, usually from pistons, read a little above average, but the rest of the metals were close enough to average to suggest your engine is fine. Universal averages show typical wear from this type of engine after 5,200 miles run on the oil. Your oil was in use about that same interval. Maybe aluminum is just your engine showing its age a little, or maybe it's from the short trips/towing. It's not high enough to chase after--not with everything else looking fine. No fuel or coolant found. The TBN read 2.0, some active additive left. Overall, nice! Use 5K mi again.
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ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	4,935	UNIT / LOCATION AVERAGES							UNIVERSAL AVERAGES
	MI/HR on Unit	116,135								
	Sample Date	09/20/12								
	Make Up Oil Added	0 qts								
	ALUMINUM	10	10							3
	CHROMIUM	1	1							1
	IRON	29	29							16
	COPPER	3	3							4
	LEAD	2	2							1
	TIN	0	0							1
	MOLYBDENUM	83	83							63
	NICKEL	2	2							1
	MANGANESE	1	1							2
	SILVER	0	0							0
	TITANIUM	1	1							1
	POTASSIUM	0	0							2
	BORON	68	68							56
	SILICON	13	13							14
	SODIUM	9	9							36
	CALCIUM	2451	2451							2207
	MAGNESIUM	14	14							125
	PHOSPHORUS	785	785							724
	ZINC	911	911							855
	BARIIUM	0	0							1

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	55.5	56-63						
	cSt Viscosity @ 100°C	8.92	9.1-11.3						
	Flashpoint in °F	405	>365						
	Fuel %	<0.5	<2.0						
	Antifreeze %	0.0	0						
	Water %	0.0	0.0						
	Insolubles %	0.3	<0.6						
	TBN	2.0							
	TAN								
	ISO Code								

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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PHOSPHORUS

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Values Should Be'

SUS

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in

Fuel % Antifreeze Water Insolubles

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