



OIL REPORT

LAB NUMBER: G00007 UNIT ID: BLUE F-150
 REPORT DATE: 3/10/2014 CLIENT ID: 71008
 CODE: 20/75 PAYMENT: Prepaid

UNIT	MAKE/MODEL: Ford 5.0L V8 Ti-VCT 32-valve	OIL TYPE & GRADE: Eneos Synthetic 5W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 7,400 Miles
	ADDITIONAL INFO: 2013	

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

COMMENTS STEPHEN: You don't have to tell us how nasty this winter has been, although it was maybe a little worse for you up in Wisconsin than it was here in Indiana. The harsh winter may have led to some of the excess iron that we're seeing from your F-150 -- cold starts and lots of idling can lead to higher steel wear. Then again, if this is just the second or third oil change for this engine, this may just be residual wear-in. The other metals look great, so we don't see any obvious problems here. Stick with ~7,500 miles next oil, and we'll see if iron improves as the weather warms up.

	MI/HR on Oil	7,400	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	16,900						
	Sample Date	02/22/14						
	Make Up Oil Added	0 qts						
ELEMENTS IN PARTS PER MILLION	ALUMINUM	9	9					5
	CHROMIUM	1	1					0
	IRON	43	43					21
	COPPER	5	5					5
	LEAD	0	0					1
	TIN	0	0					1
	MOLYBDENUM	145	145					72
	NICKEL	1	1					1
	MANGANESE	5	5					5
	SILVER	0	0					0
	TITANIUM	0	0					1
	POTASSIUM	5	5					4
	BORON	34	34					87
	SILICON	14	14					12
	SODIUM	9	9					50
	CALCIUM	1968	1968					2063
	MAGNESIUM	12	12					289
	PHOSPHORUS	693	693					784
ZINC	792	792					853	
BARIUM	0	0					1	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	51.6	46-57				
	cSt Viscosity @ 100°C	7.77	6.0-9.7				
	Flashpoint in °F	435	>355				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	<0.1				
	Insolubles %	0.3	<0.6				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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