



OIL REPORT

LAB NUMBER:
 REPORT DATE: 1/5/2019
 CODE: 20/32

UNIT ID: 16 F150
 CLIENT ID:
 PAYMENT: CC: Discover

UNIT	MAKE/MODEL: Ford 5.0L V-8 Ti-VCT 32V	OIL TYPE & GRADE: Motorcraft Semi-Synthetic 5W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 15,000 Miles
	ADDITIONAL INFO:	

CLIENT	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS Your F150 looks great! Wear metals tested well compared to averages, which are based on about 6,000 miles. It's impressive that you ran this oil 15,000 miles and still got such low wear. You can definitely run longer next time. No fuel dilution, water, or coolant was found. Looks like this engine is off to a great start! Try 20,000 miles on the next sample.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	15,000	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit							
	Sample Date	1/2/2019						
	Make Up Oil Added	0 qts						
ALUMINUM	4	4					4	
CHROMIUM	0	0					1	
IRON	14	14					19	
COPPER	3	3					3	
LEAD	0	0					1	
TIN	0	0					0	
MOLYBDENUM	18	18					71	
NICKEL	0	0					0	
MANGANESE	2	2					5	
SILVER	0	0					0	
TITANIUM	1	1					2	
POTASSIUM	0	0					3	
BORON	67	67					74	
SILICON	13	13					11	
SODIUM	3	3					46	
CALCIUM	2235	2235					1975	
MAGNESIUM	14	14					266	
PHOSPHORUS	752	752					736	
ZINC	862	862					829	
BARIUM	14	14					1	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°	56.3	56-63				
	cSt Viscosity @ 100°C	9.27	9.1-11.3				
	Flashpoint in °F	420	>375				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0				
	Water %	0.0	0.0				
	Insolubles %	0.2	<0.6				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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