



OIL REPORT

LAB NUMBER: J10588

UNIT ID: 16 GT-CS

REPORT DATE: 2/13/2017

CLIENT ID: 95423

CODE: 20/32

PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Ford 5.0L V-8 Ti-VCT 32V	OIL TYPE & GRADE: Amsoil 5W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 5,000 Miles
	ADDITIONAL INFO:	

CLIENT	
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COMMENTS JEROD: Copper and silicon are headed in the right direction so wear-in is progressing as we'd expect. Iron is higher than last time and that's mostly due to the longer oil change interval. Of course, some of it is the result of the drag racing, so that's a factor to consider as well. Even so, iron's wear rate is better than last time, so steel parts are wearing better on a per-mile basis. We only marked it here because it is high after 5,000 miles of oil use. Extra iron may just be a fact of life for your engine and the use it sees, and that's fine. Stick with 5K-mile intervals for now.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	5,000	UNIT / LOCATION AVERAGES	1,185					
	MI/HR on Unit	6,000		1,185					UNIVERSAL AVERAGES
	Sample Date	2/5/2017		7/30/2016					
	Make Up Oil Added	0 qts		0 qts					
ALUMINUM	6	6	6						4
CHROMIUM	1	1	1						0
IRON	74	52	30						19
COPPER	12	21	29						4
LEAD	0	0	0						1
TIN	0	1	1						1
MOLYBDENUM	149	111	72						67
NICKEL	1	1	1						0
MANGANESE	7	12	16						5
SILVER	0	0	0						0
TITANIUM	0	0	0						1
POTASSIUM	6	8	9						3
BORON	125	152	178						78
SILICON	17	24	31						11
SODIUM	8	9	10						53
CALCIUM	3366	2643	1920						2047
MAGNESIUM	14	11	8						248
PHOSPHORUS	770	736	702						737
ZINC	815	798	780						842
BARIUM	0	0	0						1

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	53.4	46-59	51.1					
	cSt Viscosity @ 100°C	8.30	6.0-10.2	7.60					
Flashpoint in °F	415	>385	380						
Fuel %	<0.5	<2.0	<0.5						
Antifreeze %	0.0	0.0	0.0						
Water %	0.0	<0.1	0.0						
Insolubles %	0.2	<0.6	0.1						
TBN									
TAN									
ISO Code									

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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