



OIL REPORT

LAB NUMBER: L15177

UNIT ID: GT350R

REPORT DATE: 5/6/2019

CLIENT ID: 124095

CODE: 20/32

PAYMENT: Prepaid

UNIT

MAKE/MODEL: Ford 5.2L Ti-VCT 32V V-8 FPC
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO: 2017

OIL TYPE & GRADE: Motorcraft Synthetic 5W/50
OIL USE INTERVAL: 750 Miles

CLIENT

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COMMENTS

RICK: Good progress for your Mustang. Copper and silicon are now comfortably in the average range, showing wear-in and sealers washing out as normal. These levels will probably prove normal for the engine going forward, so we'll just look for steady wear trends to develop from here. The other metals (see aluminum and iron) managed to improve too, which is just icing on the cake since they weren't out of line last time. This 5W/50 is in great physical shape, with no damaging contamination to point out, and a mere trace of insolubles. So far, so good!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	750	UNIT / LOCATION AVERAGES	1,000				
	MI/HR on Unit	1,751		1,000				
	Sample Date	4/16/2019		4/10/2018				
	Make Up Oil Added	0.2 qts		0 qts				
	ALUMINUM	4	4	6				8
	CHROMIUM	0	0	1				1
	IRON	8	8	18				12
	COPPER	5	5	24				5
	LEAD	0	0	3				2
UNIVERSAL AVERAGES	TIN	1	1	0				1
	MOLYBDENUM	72	72	74				110
	NICKEL	0	0	1				0
	MANGANESE	4	4	16				4
	SILVER	0	0	0				0
	TITANIUM	0	0	1				1
	POTASSIUM	4	4	13				2
	BORON	301	301	310				240
	SILICON	13	13	40				15
	SODIUM	5	5	10				6
	CALCIUM	2178	2178	2207				2449
	MAGNESIUM	12	12	11				70
	PHOSPHORUS	723	723	769				770
	ZINC	797	797	801				852
	BARIUM	0	0	0				0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	82.2	66-89	79.0				
	cSt Viscosity @ 100°C	16.07	11.9-18.0	15.28				
	Flashpoint in °F	415	>385	425				
	Fuel %	<0.5	<2.0	<0.5				
	Antifreeze %	0.0	0.0	0.0				
	Water %	0.0	0.0	0.0				
	Insolubles %	TR	<0.6	TR				
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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