



OIL REPORT

LAB NUMBER: H05966
 REPORT DATE: 10/5/2015
 CODE: 63/32

UNIT ID: 15 FTYPE
 CLIENT ID: 87536
 PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Jaguar 5.0L V-8	OIL TYPE & GRADE: 5W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 5,797 Miles
	ADDITIONAL INFO:	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS KEVIN: For the first oil change from a new engine, this sample doesn't look bad at all. Sure, wear metals and silicon are a little higher than universal averages, but this was a longer oil use interval than the average 3,700-mile run, and that could certainly be a factor, though wear-in of new parts and factory sealers is responsible for most of this. It'll likely take a few oil changes before all the wear-in stuff is washed out, but in the meantime, things are looking pretty good overall. The viscosity read in the 5W/20-grade range, so that's what we went with. Check back for trends.

	MI/HR on Oil	5,797	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	5,797						
	Sample Date	9/15/2015						
	Make Up Oil Added							
ELEMENTS IN PARTS PER MILLION	ALUMINUM	17	17					12
	CHROMIUM	0	0					0
	IRON	21	21					11
	COPPER	7	7					4
	LEAD	0	0					0
	TIN	0	0					1
	MOLYBDENUM	56	56					118
	NICKEL	0	0					0
	MANGANESE	7	7					3
	SILVER	0	0					0
	TITANIUM	10	10					1
	POTASSIUM	4	4					2
	BORON	80	80					52
	SILICON	21	21					11
	SODIUM	6	6					62
	CALCIUM	1147	1147					2557
	MAGNESIUM	596	596					210
PHOSPHORUS	665	665					717	
ZINC	781	781					831	
BARIUM	0	0					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	51.8	46-57				
	cSt Viscosity @ 100°C	7.81	6.0-9.7				
	Flashpoint in °F	420	>365				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	<0.1				
	Insolubles %	TR	<0.6				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

416 E. PETTIT AVE. FORT WAYNE, IN 46806 (260) 744-2380 www.blackstone-labs.com