



OIL REPORT

LAB NUMBER: [REDACTED]
 REPORT DATE: 3/27/2018
 CODE: 20/32

UNIT ID: 16 JAGUAR F TYPE
 CLIENT ID: [REDACTED]
 PAYMENT: [REDACTED]

UNIT	MAKE/MODEL: Jaguar 3.0L Supercharged V-6	OIL TYPE & GRADE: Castrol Edge 5W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 3,256 Miles
	ADDITIONAL INFO:	

CLIENT	STUART MCKNIGHT
	[REDACTED]

COMMENTS STUART: This is a nice first report for your Jaguar. Universal averages for this type of engine are based on about 6,000 miles of oil use. You only went 3,256 miles on this oil (so far) and wear metals are appropriately low. None are high enough to show poor wear or a mechanical problem, and the extra titanium you see is probably just a harmless additive in this oil. No air or oil filtration issues stand out with silicon at 11 ppm and insolubles at just 0.1%. Fuel and moisture contamination were absent and the viscosity read in the 5W/30 range. All is well from our end!

	MI/HR on Oil	3,256	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	13,111						
	Sample Date	3/9/2018						
	Make Up Oil Added	0 qts						
ELEMENTS IN PARTS PER MILLION	ALUMINUM	5	5					11
	CHROMIUM	0	0					0
	IRON	11	11					21
	COPPER	3	3					5
	LEAD	0	0					0
	TIN	0	0					0
	MOLYBDENUM	16	16					27
	NICKEL	0	0					0
	MANGANESE	1	1					3
	SILVER	0	0					0
	TITANIUM	41	41					34
	POTASSIUM	0	0					3
	BORON	52	52					48
	SILICON	11	11					13
	SODIUM	6	6					8
	CALCIUM	1751	1751					2019
	MAGNESIUM	9	9					14
PHOSPHORUS	712	712					680	
ZINC	754	754					791	
BARIUM	0	0					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	60.4	56-63				
	cSt Viscosity @ 100°C	10.33	9.1-11.3				
	Flashpoint in °F	405	>365				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	<0.1				
	Insolubles %	0.1	<0.6				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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