



OIL REPORT

LAB NUMBER: K66809
 REPORT DATE: 11/1/2018
 CODE: 20/685

UNIT ID: 10 JAG XF
 CLIENT ID: 133180
 PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Jaguar 5.0L V-8 S/C	OIL TYPE & GRADE: Ravenol 5W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 3,500 Miles
	ADDITIONAL INFO:	

CLIENT	
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COMMENTS ADAM: Thanks for the notes. This first sample from your Jaguar looks quite good. Universal averages show typical wear levels for this type of engine after about 7,500 miles on the oil. This was a shorter run, so it's nice to see mostly lower wear. We wouldn't worry too much about the oil turning black quickly. That's really just a sign that the oil is doing its job. The viscosity is in the 5W/20 range and there's no fuel or coolant contamination. The TBN of 2.8 shows active additive left for a longer run. Try 5,500 miles on the next oil and just check back.

	MI/HR on Oil	3,500	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit							
	Sample Date	10/29/2018						
	Make Up Oil Added							
ELEMENTS IN PARTS PER MILLION	ALUMINUM	5	5					13
	CHROMIUM	1	1					1
	IRON	22	22					32
	COPPER	1	1					3
	LEAD	0	0					0
	TIN	0	0					0
	MOLYBDENUM	26	26					81
	NICKEL	0	0					0
	MANGANESE	0	0					3
	SILVER	0	0					0
	TITANIUM	1	1					2
	POTASSIUM	2	2					2
	BORON	60	60					52
	SILICON	8	8					12
	SODIUM	6	6					21
	CALCIUM	2488	2488					2233
	MAGNESIUM	25	25					177
PHOSPHORUS	843	843					723	
ZINC	927	927					832	
BARIUM	0	0					0	

Values Should Be*

PROPERTIES							
	SUS Viscosity @ 210°F	51.2	46-57				
cSt Viscosity @ 100°C	7.65	6.0-9.7					
Flashpoint in °F	385	>385					
Fuel %	<0.5	<2.0					
Antifreeze %	0.0	0.0					
Water %	0.0	0.0					
Insolubles %	0.2	<0.6					
TBN	2.8	>1.0					
TAN							
ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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