



OIL REPORT

LAB NUMBER: P05349

UNIT ID: 15 XFR-S

REPORT DATE: 11/8/2021

CLIENT ID: 86046

CODE: 20/698

PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Jaguar 5.0L V-8 S/C	OIL TYPE & GRADE: Castrol 0W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 3,000 Miles
	ADDITIONAL INFO:	

CLIENT	
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COMMENTS DEVIN: This is the report for the engine oil sample and it's a good one. Metals are all low compared to universal averages (based on about 6,200 miles of oil use), which is good to see since this oil was in place for a much shorter interval of 3,000 miles. Metals tend to more or less build up over the miles, so low levels after a short run are always good to see. The viscosity was correct for 0W/20, and no measurable fuel or coolant was present either. The TBN of 4.4 shows this oil wasn't close to running out of active additive. Keep up the good work.

	MI/HR on Oil	3,000	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	45,000						
	Sample Date	11/1/2021						
	Make Up Oil Added	0 qts						
ELEMENTS IN PARTS PER MILLION	ALUMINUM	3	3					8
	CHROMIUM	0	0					0
	IRON	7	7					25
	COPPER	0	0					2
	LEAD	0	0					0
	TIN	0	0					0
	MOLYBDENUM	86	86					92
	NICKEL	0	0					0
	MANGANESE	1	1					1
	SILVER	0	0					0
	TITANIUM	16	16					8
	POTASSIUM	1	1					2
	BORON	47	47					70
	SILICON	6	6					8
	SODIUM	7	7					17
	CALCIUM	950	950					1606
	MAGNESIUM	964	964					488
PHOSPHORUS	652	652					706	
ZINC	767	767					814	
BARIUM	1	1					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	52.4	46-57				
	cSt Viscosity @ 100°C	7.99	6.0-9.7				
	Flashpoint in °F	395	>385				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	<0.1				
	Insolubles %	0.2	<0.6				
	TBN	4.4	>1.0				
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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