

OIL REPORT
 LAB NUMBER:
 P05349

 REPORT DATE:
 11/8/2021

 CODE:
 20/698

 UNIT ID:
 15 XFR-S

 CLIENT ID:
 86046

 PAYMENT:
 CC: Visa

UNIT

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

Castrol 0W/20 3,000 Miles

CLIENT

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.

MUMER on Unit 49,000 AVERAGES LOCATION AVERAGES AVERAGES Make Up Oil Added 0 qts AVERAGES AVERAGES Make Up Oil Added 0 qts Image: Comparison of the comparison		MI/HR on Oil	3,000					
Sample Date 11/1/2021 AVERAGES Make Up Qil Added O qts AVERAGES Make Up Qil Added O qts O ALUMINUM 3 3 O Make Up Qil Added ALUMINUM 3 3 O Make Up Qil Added Make Up Qil Added ALUMINUM 3 3 O Make Up Qil Added M		MI/HR on Unit	45,000	LUCATION				
Make Up Oil Added 0 qts <td></td> <td>Sample Date</td> <td>11/1/2021</td> <td></td> <td></td> <td></td>		Sample Date	11/1/2021					
COPPER 0 0 0 2 2 2 LEAD 0		Make Up Oil Added	0 qts					
COPPER 0 0 0 2 2 2 LEAD 0								
COPPER 0 0 0 2 2 2 LEAD 0	NC	ALUMINUM	3	3				8
COPPER 0 0 0 2 2 2 LEAD 0	L	CHROMIUM	0	0				0
COPPER 0 0 0 2 2 2 LEAD 0		IRON	7	7				25
A TIN 0 0 0 0 0 0 MOLYBDENUM 86 86 86 92 92 NICKEL 0 0 0 0 92 MANGANESE 1 1 0 0 0 NICKEL 0 0 0 1 1 0 1 1 NICKER 0 0 0 0 1		COPPER	0	0				2
A TIN 0 0 0 0 0 0 MOLYBDENUM 86 86 86 92 92 NICKEL 0 0 0 0 92 MANGANESE 1 1 0 0 0 NICKEL 0 0 0 1 1 0 1 1 NICKER 0 0 0 0 1	EK	LEAD	0	0				0
MANGANESE 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 1 1 0	٩.	TIN	0	0				0
MANGANESE 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0 0 1 1 0	LS	MOLYBDENUM	86	86				92
SILVER 0 0 0 0 0 0 TITANIUM 16 16 16 8 8 8 POTASSIUM 1 1 1 2 2 2 BORON 47 47 47 70 70 70 SILICON 6 6 1 177 177 177 CALCIUM 950 950 1606 1606 1606 MAGNESIUM 964 964 1606 706 706 706 ZINC 767 767 1 1 814 1606	R.	NICKEL	0	0				0
TITANIUM 16 16 8 POTASSIUM 1 1 2 BORON 47 47 70 SILICON 6 6 8 SODIUM 7 7 11 CALCIUM 950 950 11 MAGNESIUM 964 964 488 PHOSPHORUS 652 652 706 ZINC 767 767 814	PA	MANGANESE	1	1				1
Intranuom 16 16 6 8 POTASSIUM 1 1 1 2 BORON 47 47 2 70 SILICON 6 6 8 8 SODIUM 7 7 1 17 CALCIUM 950 950 1606 1606 MAGNESIUM 964 964 488 1606 ZINC 767 767 814 1606	z	SILVER	0	0				0
CALCIUM 950 950 1606 MAGNESIUM 964 964 488 PHOSPHORUS 652 652 706 ZINC 767 767 814		TITANIUM	16	16				8
CALCIUM 950 950 1606 MAGNESIUM 964 964 488 PHOSPHORUS 652 652 706 ZINC 767 767 814	Ê	POTASSIUM	1	1				2
CALCIUM 950 950 1606 MAGNESIUM 964 964 488 PHOSPHORUS 652 652 706 ZINC 767 767 814	Ш	BORON	47	47				70
CALCIUM 950 950 1606 MAGNESIUM 964 964 488 PHOSPHORUS 652 652 706 ZINC 767 767 814	M	SILICON	6	6				8
CALCIUM 950 950 1606 MAGNESIUM 964 964 488 PHOSPHORUS 652 652 706 ZINC 767 767 814		SODIUM	7	7				17
PHOSPHORUS 652 652 706 ZINC 767 767 814		CALCIUM	950	950				1606
ZINC 767 767 814		MAGNESIUM	964	964				488
		PHOSPHORUS	652	652				706
BARIUM 1 1 1 0 0		ZINC	767	767				814
		BARIUM	1	1				0

Values Should Be*

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

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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