



# OIL REPORT

LAB NUMBER:  
 REPORT DATE: 8/24/2016  
 CODE:

UNIT ID: 96 XJS  
 CLIENT ID:  
 PAYMENT: Prepaid

<b>UNIT</b>	MAKE/MODEL: Jaguar 4.0L 6-cyl	OIL TYPE & GRADE: Mobil 1 0W/40 Euro
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 7,743 Miles
	ADDITIONAL INFO:	

**COMMENTS** This first sample from your XJS shows excess wear at the rings, steel parts like cylinders, and the bearings (chrome, iron, and lead). Universal averages show typical wear after about 4,200 miles of oil use, so some of the extra iron is from the longer than average interval since it tracks with oil use, but not all of it. Hard use could be a factor, so if oil pressure is okay and you aren't hearing any noises, then let's just see how trends build before calling any problems. The 1.0% fuel is harmless and the TBN was strong at 4.5, but use just 4,000 miles next and check back.

	MI/HR on Oil	7,743	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	91,858						
	Sample Date	8/10/2016						
	Make Up Oil Added	0 qts						
<b>ELEMENTS IN PARTS PER MILLION</b>	ALUMINUM	5	5					3
	CHROMIUM	4	4					1
	IRON	48	48					10
	COPPER	7	7					4
	LEAD	26	26					5
	TIN	1	1					1
	MOLYBDENUM	86	86					56
	NICKEL	0	0					1
	MANGANESE	0	0					0
	SILVER	0	0					0
	TITANIUM	0	0					1
	POTASSIUM	3	3					1
	BORON	95	95					49
	SILICON	9	9					14
	SODIUM	7	7					16
	CALCIUM	2541	2541					1840
	MAGNESIUM	203	203					275
PHOSPHORUS	955	955					816	
ZINC	1151	1151					956	
BARIUM	0	0					0	

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	69.6	64-74				
	cSt Viscosity @ 100°C	12.84	11.3-14.3				
	Flashpoint in °F	356	>375				
	Fuel %	1.0	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	<0.1				
	Insolubles %	0.1	<0.6				
	TBN	4.5	>1.0				
	TAN						
	ISO Code						

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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