



OIL REPORT

LAB NUMBER: G24208 UNIT ID: 15 FTYPE R
 REPORT DATE: 7/25/2014 CLIENT ID: 25322
 CODE: 20/75 PAYMENT: Prepaid

UNIT	MAKE/MODEL: Ford 5.0L V8 Ti-VCT 32V Supercharge	OIL TYPE & GRADE: Castrol Edge 5W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 1,467 Miles
	ADDITIONAL INFO:	

CLIENT	
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COMMENTS
 TERRY: We don't see a lot of Jaguar 5.0L break-in oils, to be honest. We do see a lot of break-in oils from many engines though, and the common themes are high iron, copper, silicon, and, in many cases, aluminum. It looks like this engine has that same combination here, so we don't think there's anything unusual with how this engine is wearing in. You'll see lots of improvements next time, though aluminum, copper, and silicon will probably improve a little more than iron. Averages show expected post-break-in wear after about 5K miles on the oil. Try 3K miles next.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	1,467	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	1,467						
	Sample Date	07/21/14						
	Make Up Oil Added	0 qts						
ALUMINIUM	29	29					5	
CHROMIUM	0	0					0	
IRON	31	31					21	
COPPER	33	33					6	
LEAD	1	1					1	
TIN	0	0					1	
MOLYBDENUM	104	104					64	
NICKEL	0	0					1	
MANGANESE	23	23					6	
SILVER	0	0					0	
TITANIUM	0	0					1	
POTASSIUM	14	14					4	
BORON	55	55					115	
SILICON	61	61					13	
SODIUM	13	13					39	
CALCIUM	3097	3097					2169	
MAGNESIUM	11	11					185	
PHOSPHORUS	737	737					740	
ZINC	858	858					841	
BARIUM	3	3					1	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	51.7	46-59				
	cSt Viscosity @ 100°C	7.79	6.0-10.2				
	Flashpoint in °F	415	>355				
	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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