



OIL REPORT

LAB NUMBER: G68880
 REPORT DATE: 4/2/2015
 CODE: 20/501

UNIT ID: 09 LEXUS 460
 CLIENT ID:
 PAYMENT: CC: MC

UNIT	MAKE/MODEL: Toyota 4.6L V-8 (1UR-FSE)	OIL TYPE & GRADE: Gasoline Engine Oil
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 5,000 Miles
	ADDITIONAL INFO:	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS Thanks for the notes. The viscosity of this sample is what it should be, reading in the 0W/20 or 5W/20 range. There is some extra aluminum and iron. Aluminum is from pistons or bearings, and iron is from steel parts. If the previous owner was running very long oil changes that could account for some of this metal, or we could be seeing poor wear. Potassium and sodium can show coolant, but since potassium is low the sodium may also be additive from the oil itself. The TBN was 1.9. Universal averages are based on ~5,800 miles. Try 5K miles again and check back.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	5,000	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	78,581						
	Sample Date	03/26/15						
	Make Up Oil Added	9.5 qts						
ALUMINUM	14	14					2	
CHROMIUM	0	0					0	
IRON	26	26					8	
COPPER	3	3					5	
LEAD	0	0					0	
TIN	1	1					0	
MOLYBDENUM	50	50					115	
NICKEL	1	1					0	
MANGANESE	0	0					0	
SILVER	0	0					0	
TITANIUM	3	3					2	
POTASSIUM	2	2					1	
BORON	28	28					28	
SILICON	19	19					11	
SODIUM	74	74					79	
CALCIUM	2069	2069					1923	
MAGNESIUM	72	72					251	
PHOSPHORUS	646	646					681	
ZINC	821	821					788	
BARIUM	2	2					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	50.6					
	cSt Viscosity @ 100°C	7.44					
	Flashpoint in °F	390	>365				
	Fuel %	<0.5	<2.0				
	Antifreeze %	?	0.0				
	Water %	0.0	<0.1				
	Insolubles %	0.3	<0.6				
	TBN	1.9	>1.0				
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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