



OIL REPORT

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

UNIT ID: 09 LEXUS 460
 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.

	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							
ELEMENTS IN PARTS PER MILLION	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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