OIL REPORT

LAB NUMBER: G68880 **UNIT ID:** 09 LEXUS 460
REPORT DATE: 4/2/2015
CODE: 20/501 **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

		UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
MI/HR on Oil	5,000							
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

PROPERTIES

		Values Should Be*					
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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