



OIL REPORT

LAB NUMBER: H14583

UNIT ID: 09 LEXUS 460

REPORT DATE: 11/11/2015

CLIENT ID:

CODE: 20/685

PAYMENT: CC: MC

UNIT	MAKE/MODEL: Toyota 4.6L V-8 (1UR-FSE)	OIL TYPE & GRADE: Mobil 1 0W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 6,137 Miles
	ADDITIONAL INFO:	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS You were probably worried that you'd bought a car with a poorly wearing engine last time, but rest assured, it's wearing well based on these results. Aluminum and iron are significantly lower, so we're not as worried about piston/bearing and steel wear. Sodium came down too, so it looks like it was, in fact, residual additive washing out, which is harmless. Iron is still a bit elevated, but some of it is from the longer run, and some of it is just residual from last time. The TBN was strong at 4.2, so try 8,000 miles. Nice improvements!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	6,137	UNIT / LOCATION AVERAGES	5,000	UNIVERSAL AVERAGES
	MI/HR on Unit	84,725		78,581	
	Sample Date	11/4/2015		3/26/2015	
	Make Up Oil Added	1.5 qts		9.5 qts	
ALUMINUM	4	9	14	2	
CHROMIUM	0	0	0	0	
IRON	16	21	26	8	
COPPER	1	2	3	5	
LEAD	0	0	0	0	
TIN	0	1	1	1	
MOLYBDENUM	87	69	50	108	
NICKEL	0	1	1	0	
MANGANESE	0	0	0	0	
SILVER	0	0	0	0	
TITANIUM	0	2	3	2	
POTASSIUM	0	1	2	1	
BORON	52	40	28	27	
SILICON	11	15	19	11	
SODIUM	12	43	74	73	
CALCIUM	1385	1727	2069	1951	
MAGNESIUM	861	467	72	244	
PHOSPHORUS	775	711	646	684	
ZINC	910	866	821	794	
BARIUM	0	1	2	0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	54.1	46-56	50.6
	cSt Viscosity @ 100°C	8.51	6.0-9.4	7.44
	Flashpoint in °F	400	>365	390
	Fuel %	<0.5	<2.0	<0.5
	Antifreeze %	0.0	0.0	?
	Water %	0.0	<0.1	0.0
	Insolubles %	0.4	<0.6	0.3
	TBN	4.2	>1.0	1.9
	TAN			
	ISO Code			

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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