



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 DARREN: 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					
	MI/HR on Unit	84,725		78,581					UNIVERSAL AVERAGES
	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

416 E. PETTIT AVE. FORT WAYNE, IN 46806 (260) 744-2380 www.blackstone-labs.com