



OIL REPORT

LAB NUMBER:
 REPORT DATE: 9/24/2015
 CODE: 20/897

UNIT ID:
 CLIENT ID:
 PAYMENT:

UNIT	EQUIP. MAKE/MODEL: Toyota 4.6L V-8 (1UR-FSE)	OIL TYPE & GRADE: Gasoline Engine Oil
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 9,800 Miles
	ADDITIONAL INFO:	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS The TBN was a little lower than last time since this was a longer run, but it's still plenty strong at 2.6, so there's lots of active additive left for a longer run. Metals look good and the oil itself didn't have any issues either. We can see how well the air and oil filters are working based on the 16 ppm of silicon and 0.3% insolubles. Both are at acceptable levels and show the filtration systems are holding up their end of the bargain. Try adding 2,000 miles to this fill before checking back. Your engine and oil can handle it. Looking good as of 9/11/15, the sample date.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	9,800	UNIT / LOCATION AVERAGES	6,373					
	MI/HR on Unit	69,500		66,243					UNIVERSAL AVERAGES
	Sample Date	9/11/2015		4/27/2015					
	Make Up Oil Added			0 qts					
ALUMINUM	3	3	2						2
CHROMIUM	1	1	0						0
IRON	12	10	7						8
COPPER	1	1	1						5
LEAD	0	0	0						0
TIN	0	0	0						1
MOLYBDENUM	92	92	91						111
NICKEL	1	1	0						0
MANGANESE	0	0	0						0
SILVER	0	0	0						0
TITANIUM	0	0	0						2
POTASSIUM	1	1	0						1
BORON	17	19	20						26
SILICON	16	14	11						11
SODIUM	4	4	3						73
CALCIUM	2469	2521	2572						1965
MAGNESIUM	18	17	15						232
PHOSPHORUS	672	709	746						681
ZINC	816	811	806						790
BARIUM	0	0	0						0

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	55.3		52.6					
	cSt Viscosity @ 100°C	8.87		8.07					
	Flashpoint in °F	405	>365	415					
	Fuel %	<0.5	<2.0	<0.5					
	Antifreeze %	0.0	0.0	0.0					
	Water %	0.0	0.0	0.0					
	Insolubles %	0.3	<0.6	0.3					
	TBN	2.6	>1.0	4.6					
	TAN								
	ISO Code								

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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