



OIL REPORT

LAB NUMBER: G24309

UNIT ID: 08 LEX

REPORT DATE: 7/28/2014

CLIENT ID: 74866

CODE: 63/501

PAYMENT: CC: AmEx

UNIT	MAKE/MODEL: Toyota 2.5L V-6 (4GR-FSE)	OIL TYPE & GRADE: Mobil 1 0W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 5,732 Miles
	ADDITIONAL INFO:	

CLIENT	JOHN ORLANDO	PHONE: (843) 457-6979
	2433 WESTBROOK DRIVE	FAX:
	CONWAY, SC 29527	ALT PHONE:
		EMAIL: JohnIS250@live.com, johnaorlando@gmail.com

COMMENTS JOHN: This engine looks great. Universal averages show typical wear for the Toyota 2.5L V-6 engine after ~6,000 miles on the oil, an interval not too far of from what you ran on this sample. Metals in your oil line up quite nicely compared to universal averages, showing an engine that's wearing appropriately for the type. No contamination like fuel, moisture, coolant, or excessive dirt (silicon) was found. Insolubles are getting up there, showing some oil oxidation, but up to 7,000 miles should be okay for your next oil run. The TBN was fine at 3.2.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	5,732	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	73,731						
	Sample Date	07/18/14						
	Make Up Oil Added	0 qts						
ALUMINUM	4	4					5	
CHROMIUM	1	1					1	
IRON	20	20					18	
COPPER	1	1					2	
LEAD	0	0					1	
TIN	0	0					1	
MOLYBDENUM	65	65					62	
NICKEL	0	0					0	
MANGANESE	0	0					0	
SILVER	0	0					0	
TITANIUM	0	0					6	
POTASSIUM	4	4					5	
BORON	44	44					53	
SILICON	11	11					13	
SODIUM	3	3					52	
CALCIUM	940	940					2039	
MAGNESIUM	694	694					198	
PHOSPHORUS	527	527					662	
ZINC	612	612					773	
BARIUM	0	0					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	56.3	54-67				
	cSt Viscosity @ 100°C	9.14	8.5-12.4				
	Flashpoint in °F	400	>385				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	<0.1				
	Insolubles %	0.5	<0.6				
	TBN	3.1	>1.0				
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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