



OIL REPORT

LAB NUMBER: F22036

UNIT ID: LX470

REPORT DATE: 9/27/2012

CLIENT ID: 58482

CODE: 20/501

PAYMENT: CC: AmEx

UNIT	MAKE/MODEL:	Toyota 4.7L V-8 (2UZ-FE)	OIL TYPE & GRADE:	Mobil 1 5W/30
	FUEL TYPE:	Gasoline (Unleaded)	OIL USE INTERVAL:	4,500 Miles
	ADDITIONAL INFO:			

CLIENT	
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COMMENTS	JEFF: Good news! Your truck is in excellent shape. Toyota makes really great engines and they tend to last forever. Yours is not generating much metal at all, even though you use this truck to tow your boat. Averages are based on 6,400 miles. You can leave this oil in place that long, if not longer. Add 2,000 miles and then check back without changing it. It might be able to go 10,000 miles. The TBN read 2.8, so there's still active additive left. Insolubles show great oil filtration, and the air filter is working well too (see silicon). No problems here. 200K miles will be a piece of cake.
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ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	4,500	UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
	MI/HR on Unit	155,000							
	Sample Date	09/23/12							
	Make Up Oil Added	0 qts							
	ALUMINUM	2	2						2
	CHROMIUM	0	0						0
	IRON	6	6						7
	COPPER	4	4						4
	LEAD	0	0						2
	TIN	0	0						0
	MOLYBDENUM	73	73						70
	NICKEL	0	0						0
	MANGANESE	0	0						0
	SILVER	0	0						0
	TITANIUM	0	0						0
	POTASSIUM	0	0						2
	BORON	51	51						51
	SILICON	9	9						15
	SODIUM	5	5						30
	CALCIUM	997	997						2282
	MAGNESIUM	738	738						112
	PHOSPHORUS	779	779						670
	ZINC	924	924						797
	BARIUM	0	0						0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	61.6	55-62					
	cSt Viscosity @ 100°C	10.67	8.8-11.1					
	Flashpoint in °F	415	>365					
	Fuel %	<0.5	<2.0					
	Antifreeze %	0.0	0.0					
	Water %	0.0	0.0					
	Insolubles %	0.3	<0.6					
	TBN	2.8	>1.0					
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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