



# OIL REPORT

LAB NUMBER: F06994  
 REPORT DATE: 6/15/2012  
 CODE: 44/501

UNIT ID: 06 RX330  
 CLIENT ID: [REDACTED]  
 PAYMENT: CC: Visa

<b>UNIT</b>	MAKE/MODEL: Toyota 3.3L V-6 (3MZFE)	OIL TYPE & GRADE: Mobil 1 5W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 4,641 Miles
	ADDITIONAL INFO:	

<b>CLIENT</b>	[REDACTED]	PHONE: [REDACTED]
	[REDACTED]	FAX: [REDACTED]
	[REDACTED]	ALT PHONE: [REDACTED]
	[REDACTED]	EMAIL: [REDACTED]

**COMMENTS** [REDACTED] Everything looks much better in this second sample from your RX330's V-6 engine. Most every wear metal read at or below average after the 4,641-mile oil change interval, with lead being the only metal reading far enough out of line to highlight. Since lead showed some improvement, we'll just watch it in anticipation of seeing even closer to average lead during the next oil run. Silicon and sodium read normally, leaving no evidence of any coolant contamination in the 5W/20 oil. The TBN was 1.9. Go ahead and run this oil 6,500 miles. Lead shouldn't increase.

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil	4,641	UNIT / LOCATION AVERAGES	5,880					
	MI/HR on Unit	47,224							UNIVERSAL AVERAGES
	Sample Date	06/14/12		11/12/11					
	Make Up Oil Added	0 qts		0 qts					
ALUMINUM	4	5	6						3
CHROMIUM	0	0	0						0
IRON	6	10	13						8
COPPER	1	1	1						1
LEAD	6	8	9						2
TIN	0	0	0						1
MOLYBDENUM	79	88	96						79
NICKEL	0	0	0						0
MANGANESE	0	1	1						0
SILVER	0	0	0						0
TITANIUM	0	0	0						0
POTASSIUM	1	3	4						3
BORON	39	47	55						39
SILICON	23	27	31						20
SODIUM	11	31	50						37
CALCIUM	1301	1869	2437						2124
MAGNESIUM	646	330	13						71
PHOSPHORUS	689	716	742						658
ZINC	770	816	862						785
BARIUM	0	1	1						0

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	51.1	48-57	52.6
	cSt Viscosity @ 100°C	7.62	6.7-9.7	8.05
	Flashpoint in °F	400	>355	380
	Fuel %	<0.5	<2.0	<0.5
	Antifreeze %	0.0	0.0	?
	Water %	0.0	0.0	0.0
	Insolubles %	0.2	<0.6	0.2
	TBN	1.9	>1.0	2.8
	TAN			
	ISO Code			

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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