



# OIL REPORT

LAB NUMBER: F01888

UNIT ID: WATSON

REPORT DATE: 5/11/2012

CLIENT ID: 55376

CODE: 20/501

PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Toyota 3.5L V-6 (2GR-FE)	OIL TYPE & GRADE: 0W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 7,500 Miles
	ADDITIONAL INFO: 2010 Lexus RX450 H	

CLIENT	JIM MYERS	PHONE: <del>(773) 428-3073</del>
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	<del>XXXXXXXXXX</del>	

**COMMENTS** JIM: Universal averages show expected wear for your hybrid's 3.5L after about 5,400 miles on the oil. You've run this oil 7,500 miles, and the factory recommended 10,000-mile interval should be obtainable. Metals are low compared to averages for the most part, so it's a good bet there isn't anything mechanically awry. Aluminum may show a little piston wear, but this level is more something to watch than a bona-fide problem. The 0.5% fuel is harmless. The TBN of 1.8 is still okay. Go ahead and run this oil out to 10,000 miles if you would like to. Resample to monitor.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	7,500	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	37,500						
	Sample Date	05/07/12						
	Make Up Oil Added	0 qts						
ALUMINUM	10	10					3	
CHROMIUM	0	0					0	
IRON	8	8					8	
COPPER	2	2					4	
LEAD	0	0					1	
TIN	1	1					1	
MOLYBDENUM	48	48					89	
NICKEL	0	0					0	
MANGANESE	0	0					0	
SILVER	0	0					0	
TITANIUM	0	0					1	
POTASSIUM	3	3					2	
BORON	4	4					57	
SILICON	13	13					15	
SODIUM	2	2					41	
CALCIUM	2142	2142					2202	
MAGNESIUM	18	18					106	
PHOSPHORUS	612	612					679	
ZINC	687	687					783	
BARIUM	0	0					0	

Values Should Be\*

PROPERTIES	SUS Viscosity @ 210°F	50.0	46-56				
	cSt Viscosity @ 100°C	7.28	6.0-9.4				
	Flashpoint in °F	375	>385				
	Fuel %	0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	<0.1				
	Insolubles %	0.3	<0.6				
	TBN	1.8	>1.0				
	TAN						
	ISO Code						

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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