



# OIL REPORT

LAB NUMBER: G05502      UNIT ID: PRIUS01-T  
 REPORT DATE: 4/10/2014      CLIENT ID: 31775  
 CODE: 20/75      PAYMENT: Prepaid

<b>UNIT</b>	EQUIP. MAKE/MODEL: Transaxle Toyota Prius	OIL TYPE & GRADE: Toyota WS ATF
	FUEL TYPE:	OIL USE INTERVAL: 72,900 Miles
	ADDITIONAL INFO: 2008	

<b>CLIENT</b>	JIM RUSSELL	PHONE: (650) 219-0916
	473 ROBERTS RD	FAX:
	PACIFICA, CA 94044	ALT PHONE:
		EMAIL: jimboesfo@gmail.com

**COMMENTS** JIM: Wear metals and silicon were fairly high in this first sample from your Prius's transmission, but given that this was fairly long oil run (averages are based on just ~45,000 miles of oil use), and that it's the factory fill of oil, we doubt there's anything to be too concerned about here. The metals may just show wear-in from when the transmission was new, and silicon is from sealers. If the transmission is shifting well and you haven't noticed any problems, we'll just wait to see if things improve next time. No contaminants or other issues were found. Check back to monitor.

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil	72,900	<b>UNIT / LOCATION AVERAGES</b>					<b>UNIVERSAL AVERAGES</b>
	MI/HR on Unit	72,900						
	Sample Date	03/25/14						
	Make Up Oil Added	0 qts						
ALUMINUM	119	119					46	
CHROMIUM	5	5					2	
IRON	395	395					135	
COPPER	22	22					25	
LEAD	4	4					2	
TIN	5	5					2	
MOLYBDENUM	1	1					0	
NICKEL	12	12					5	
MANGANESE	8	8					3	
SILVER	0	0					0	
TITANIUM	0	0					0	
POTASSIUM	0	0					2	
BORON	48	48					79	
SILICON	215	215					109	
SODIUM	3	3					4	
CALCIUM	135	135					159	
MAGNESIUM	4	4					3	
PHOSPHORUS	289	289					324	
ZINC	11	11					13	
BARIUM	3	3					13	

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	42.1	41-51				
	cSt Viscosity @ 100°C	4.82	4.5-7.9				
	Flashpoint in °F	380	>320				
	Fuel %	-					
	Antifreeze %	-					
	Water %	0.0	<0.1				
	Insolubles %	TR	<0.1				
	TBN						
	TAN						
	ISO Code						

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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