



OIL REPORT

LAB NUMBER: G05502
REPORT DATE: 4/10/2014
CODE: 20/75

UNIT ID: PRIUS01-T
CLIENT ID: 31775
PAYMENT: Prepaid

UNIT

EQUIP. MAKE/MODEL: Transaxle Toyota Prius
FUEL TYPE:
ADDITIONAL INFO: 2008

OIL TYPE & GRADE: Toyota WS ATF
OIL USE INTERVAL: 72,900 Miles

CLIENT

JIM RUSSELL
473 ROBERTS RD
PACIFICA, CA 94044

PHONE: (650) 219-0916
FAX:
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.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	72,900	UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
	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
ELEMENTS IN PARTS PER MILLION	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*

PROPERTIES	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

416 E. PETTIT AVE. FORT WAYNE, IN 46806 (260) 744-2380 www.blackstone-labs.com