



OIL REPORT

LAB NUMBER: G20812
 REPORT DATE: 7/8/2014
 CODE: 20/75

UNIT ID: 05 PRIUS-T
 CLIENT ID:
 PAYMENT:

UNIT	MAKE/MODEL: Transaxle Toyota Prius	OIL TYPE & GRADE: Toyota WS ATF
	FUEL TYPE:	OIL USE INTERVAL: 72,626 Miles
	ADDITIONAL INFO:	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS This oil has been in place since this transmission was new, so it's not surprising that wear metals are high. Not only do you have the accumulated wear from the last 72,626 miles of use, you've got the wear-in stuff still in the system from when this unit was new. That's fine. Now that you've changed this fill out, you should find some nice improvements whenever you sample next. Feel free to go 70,000 miles again if you'd like, or if you want to really see improvements, do another oil change at ~30,000 miles. No water found. Insolubles are low & viscosity is fine.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	72,626	UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
	MI/HR on Unit	72,626							
	Sample Date	06/26/14							
	Make Up Oil Added								
ALUMINUM	127	127							49
CHROMIUM	5	5							2
IRON	343	343							143
COPPER	33	33							26
LEAD	3	3							2
TIN	7	7							3
MOLYBDENUM	0	0							0
NICKEL	9	9							5
MANGANESE	6	6							3
SILVER	0	0							0
TITANIUM	0	0							0
POTASSIUM	7	7							2
BORON	40	40							78
SILICON	225	225							113
SODIUM	5	5							4
CALCIUM	110	110							157
MAGNESIUM	6	6							3
PHOSPHORUS	231	231							321
ZINC	30	30							13
BARIUM	17	17							13

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	41.9	41-51					
	cSt Viscosity @ 100°C	4.77	4.5-7.9					
	Flashpoint in °F	390	>320					
	Fuel %	-						
	Antifreeze %	0.0						
	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