



# OIL REPORT

LAB NUMBER:  
REPORT DATE: 4/15/2020  
CODE:

UNIT ID: 10 PRIUS-TR  
CLIENT ID:  
PAYMENT: CC:

UNIT	EQUIP. MAKE/MODEL:	Transaxle Toyota Prius	OIL TYPE & GRADE:	Toyota WS ATF
	FUEL TYPE:		OIL USE INTERVAL:	115,589 Miles
	ADDITIONAL INFO:			

CLIENT	PHONE:	
	FAX:	
	ALT PHONE:	
	EMAIL:	

COMMENTS	BRAD: Aluminum is the standout item here. Notice that aluminum is almost three times the universal averages level. The averages for this type of transmission are based on ~48,200 miles on the oil. Aluminum can be from parts like bearings or the oil pump. It may just be accumulation over the long oil run, but in that case we'd expect other metals to also read proportionately high. The high aluminum level is also throwing off the proper balance of metals, since iron is typically the dominant metal. If it's shifting okay, just check back in about 30k miles without draining the oil.
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ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	115,589	UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
	MI/HR on Unit	158,769							
	Sample Date	4/5/2020							
	Make Up Oil Added								
	ALUMINUM	148	148						52
	CHROMIUM	2	2						2
	IRON	75	75						121
	COPPER	14	14						24
	LEAD	0	0						1
	TIN	0	0						2
	MOLYBDENUM	0	0						0
	NICKEL	2	2						5
	MANGANESE	3	3						3
	SILVER	0	0						0
	TITANIUM	0	0						0
	POTASSIUM	0	0						2
	BORON	59	59						83
	SILICON	46	46						79
	SODIUM	5	5						3
	CALCIUM	103	103						139
	MAGNESIUM	3	3						3
	PHOSPHORUS	310	310						329
	ZINC	56	56						16
	BARIUM	0	0						8

Values  
Should Be\*

PROPERTIES	SUS Viscosity @ 210°F	42.0	41-51					
	cSt Viscosity @ 100°C	4.80	4.5-7.9					
	Flashpoint in °F	385	>320					
	Fuel %	-						
	Antifreeze %	-						
	Water %	0.0	0.0					
	Insolubles %	TR	<0.1					
	TBN							
	TAN							
	ISO Code							

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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