

**COMMENTS** PAUL: Your assumption was that this was the factory fill of Toyota WS ATF, and that seems to be correct based on these tests. Our universal averages show typical wear for Prius transaxles after about 43,300 miles, but since your sample was still the factory fill (and had a bit more time on the oil), we're not too concerned about the higher aluminum, iron, and silicon. The break-in of new parts in the early life of this unit put the excess metals in the oil, and silicon from sealers. All of these elements should drop next time, but stay around 60K miles on the next fill to monitor.

ELEMENTS IN PARTS PER MILLION	MUHR on Oil	60,436	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MUHR on Unit							
	Sample Date	01/29/12						
	Make Up Oil Added							
ALUMINUM	147	147						48
CHROMIUM	4	4						2
IRON	242	242						128
COPPER	22	22						25
LEAD	1	1						2
TIN	3	3						3
MOLYBDENUM	0	0						0
NICKEL	7	7						6
MANGANESE	6	6						3
SILVER	0	0						0
TITANIUM	0	0						0
POTASSIUM	1	1						2
BORON	42	42						75
SILICON	281	231						130
SODIUM	4	4						4
CALCIUM	134	134						175
MAGNESIUM	4	4						4
PHOSPHORUS	274	274						311
ZINC	11	11						14
BARIUM	2	2						16

Values Should Be\*

PROPERTIES	SUS Viscosity @ 210°F	41.9	43-51				
	cSt Viscosity @ 100°C	4.68	5.1-7.9				
	Flashpoint in °F	375	>320				
	Fuel %	-					
	Anti-foam %	-					
	Water %	0.0	<0.1				
	Insolubles %	TR	<0.1				
	TBN						
	TAN						
	ISO Code						