

Car: Tim's 2007 Prius (Purchased 12/2006)
 Report #: 1
 Miles on Car: 10,001
 Miles on Oil: 4919
 Oil Type: Mobil 1 5W/30
 Oil Service Period: 04/03/2007 – 06/20/2007
 Make-up oil: N/A

COMMENTS	TIM: These Toyota 1.5L engines tend to wear very nicely, and we think yours will too once it gets more miles on it. The copper is lingering from wear-in and we think it will drop to nearer average in the next sample, regardless of the miles you choose to run on the oil. Silicon is from sealers and sand-casted parts. Look for that to drop to about 20 ppm next time. The TBN read 3.6, still active additive left in the oil. You can run more miles on the oil if you'd like. Go on up to 6000 miles next time. Traces of gas were present, though not enough to suggest a fuel problem.
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ELEMENTS IN PARTS PER MILLION	MI/HR ON OIL	4,919	UNIT / LOCATION AVERAGES							UNIVERSAL AVERAGES
	MI/HR ON UNIT	10,001								
	SAMPLE DATE	06/20/07								
	ALUMINUM	2	2							3
	CHROMIUM	0	0							0
	IRON	5	5							8
	COPPER	12	12							1
	LEAD	0	0							0
	TIN	1	1							0
	MOLYBDENUM	110	110							66
	NICKEL	0	0							0
	MANGANESE	0	0							1
	SILVER	0	0							0
	TITANIUM	0	0							0
	POTASSIUM	1	1							1
	BORON	3	3							58
	SILICON	44	44							14
	SODIUM	3	3							7
	CALCIUM	1617	1617							2333
	MAGNESIUM	11	11							31
	PHOSPHORUS	594	594							628
	ZINC	702	702							727
	BARIUM	1	1							0

PROPERTIES	TEST	CST VISCOSITY @ 40 °C	SUS VISCOSITY @ 100 °F	VISCOSITY INDEX	CST VISCOSITY @ 100 °C	SUS VISCOSITY @ 210 °F	FLASHPOINT IN °F	FUEL %	ANTIFREEZE %	WATER %	INSOLUBLES %
	VALUES SHOULD BE					55-62	>365	<2.0	0.0	0.0	<0.6
	TESTED VALUES WERE					53.7	365	TR	0.0	0.0	0.2