



# OIL REPORT

LAB NUMBER:  
 REPORT DATE: 4/24/2008  
 CODE:

UNIT ID: 07 PRIUS  
 CLIENT ID:  
 PAYMENT:

<b>UNIT</b>	EQUIP. MAKE/MODEL: Toyota 1.5L (5EFE) 4-cyl	OIL TYPE & GRADE: Mobil 1 5W/30 EP
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 10,304 Miles
	ADDITIONAL INFO:	

<b>CLIENT</b>	KOHNEN	PHONE:
		FAX:
		ALT PHONE:
		EMAIL:

**COMMENTS** KIRK: You are past wear-in and silicon has dropped to normal levels. Iron is still a little high, but this level is excellent if you look at it in terms of ppm/mile. Toyotas makes nicely wearing engines and your '07 Prius looks to be one of them. The viscosity read normally and no fuel dilution, antifreeze, or moisture was found. Insolubles were 0.2%, indicating good oil filtration. The TBN read 2.0, showing active additive left. 1.0 is considered too low. An excellent report. Check back in 11,000-12,000 miles. Looks great!

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil	10,304	<b>UNIT / LOCATION AVERAGES</b>	9.672				<b>UNIVERSAL AVERAGES</b>
	MI/HR on Unit	21,820		11,516				
	Sample Date	04/19/08		09/23/07				
	Make Up Oil Added	0 qts		0 qts				
ALUMINUM	3	3	3					3
CHROMIUM	0	0	0					0
IRON	14	14	14					11
COPPER	1	3	4					4
LEAD	0	0	0					3
TIN	0	0	0					0
MOLYBDENUM	89	81	72					52
NICKEL	1	1	0					0
MANGANESE	0	1	1					0
SILVER	0	0	0					0
TITANIUM	0	0	0					0
POTASSIUM	3	3	2					2
BORON	51	52	52					37
SILICON	18	25	31					19
SODIUM	11	12	12					6
CALCIUM	2360	2247	2134					1940
MAGNESIUM	12	11	10					84
PHOSPHORUS	623	594	564					682
ZINC	780	728	675					809
BARIUM	0	0	0					0

Values Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	59.1	56-63	58.6			
	cSt Viscosity @ 100°C	9.96	9.1-11.3	9.82			
	Flashpoint in °F	385	>365	350			
	Fuel %	<0.5	<2.0	0.8			
	Antifreeze %	0.0	0	0.0			
	Water %	0.0	0.0	0.0			
	Insolubles %	0.2	<0.6	0.1			
	TBN	2.0		2.7			
	TAN						
	ISO Code						

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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