



OIL REPORT

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

UNIT ID: 07 PRIUS
CLIENT ID:
PAYMENT:

UNIT	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:	

CLIENT	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!
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ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	10,304	UNIT / LOCATION AVERAGES	9.672					UNIVERSAL AVERAGES
	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*

PROPERTIES	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

416 E. PETTIT AVE. FORT WAYNE, IN 46806 (260) 744-2380 www.blackstone-labs.com

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