



OIL REPORT

LAB NUMBER: D30169
REPORT DATE: 2/5/2008
CODE: 63/286

UNIT ID: 2004 PRIUS
CLIENT ID: 29271
PAYMENT: CC: AmEx

UNIT

EQUIP. MAKE/MODEL: Toyota 1.5L (1NZFXE) 4-cyl
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO: 2004 Toyota Prius

OIL TYPE & GRADE: Mobil 1 5W/20
OIL USE INTERVAL: 10,000 Miles

CLIENT

EVAN FUSIO
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COMMENTS

EVAN: We suggested trying 8,000 miles and you chose a 10,000-mile oil change, but your 1.5L Toyota took that oil run in stride. There was only a minor increase in aluminum and iron while lead stayed the same. All of the wear metals read dead on to the universal averages for this type of 4-cylinder, which are based on a 6,700-mile oil run. So, your Prius is doing quite a bit better than most we have tested. The TBN was 2.4, showing some active additive left. Try ~12,000 miles for your next oil change and check back for another look at wear.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	10,000	UNIT / LOCATION AVERAGES	7.760					UNIVERSAL AVERAGES
	MI/HR on Unit	70,083		67,760					
	Sample Date	01/25/08		11/27/07					
	Make Up Oil Added	0 qts		0					
ALUMINUM	3	3		2					3
CHROMIUM	0	0		0					0
IRON	8	7		6					8
COPPER	1	1		1					1
LEAD	0	0		0					0
TIN	0	0		0					0
MOLYBDENUM	84	82		80					71
NICKEL	0	0		0					0
MANGANESE	0	0		0					1
SILVER	0	0		0					0
TITANIUM	0	0		0					0
POTASSIUM	1	1		0					1
BORON	42	41		40					52
SILICON	13	13		13					14
SODIUM	6	6		5					7
CALCIUM	2348	2261		2174					2335
MAGNESIUM	13	13		12					26
PHOSPHORUS	648	631		614					630
ZINC	784	745		706					745
BARIUM	1	1		1					0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	56.6	46-59	58.4				
	cSt Viscosity @ 100°C	9.24	6.0-10.2	9.75				
	Flashpoint in °F	385	>355	375				
	Fuel %	<0.5	<2.0	<0.5				
	Antifreeze %	0.0	0.0	0.0				
	Water %	0.0	<0.1	0.0				
	Insolubles %	0.3	<0.6	0.3				
	TBN	2.4		3.3				
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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