



# OIL REPORT

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

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

<b>UNIT</b>	EQUIP. MAKE/MODEL: Toyota 1.5L (1NZFXE) 4-cyl	OIL TYPE & GRADE: Mobil 1 5W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 10,000 Miles
	ADDITIONAL INFO: 2004 Toyota Prius	

<b>CLIENT</b>	EVAN FUSIO	PHONE: (417) 724-9073
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	NIXA, MO 65714-6103	ALT PHONE:
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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.

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil	10,000	UNIT / LOCATION AVERAGES	7.760					<b>UNIVERSAL AVERAGES</b>
	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\*

<b>PROPERTIES</b>	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