



# OIL REPORT

LAB NUMBER: E25875  
 REPORT DATE: 9/7/2010  
 CODE: 20/75

UNIT ID: 10 PRIUS  
 CLIENT ID:  
 PAYMENT: CC: MC

<b>UNIT</b>	EQUIP. MAKE/MODEL: Toyota 1.8L 4-cyl (2ZRFXE)	OIL TYPE & GRADE: Mobil 1 0W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 8,500 Miles
	ADDITIONAL INFO:	

<b>CLIENT</b>	
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**COMMENTS** THOMAS: You noted that you are planning to run the next oil fill out to 10,000 miles, and we see no reason why that would not be feasible. Wear metals and silicon are all at very nice levels in this sample, which was taken after 8,500 miles on the oil, and that is a very good indication that your engine is past wear-in and no issues are developing at 28,033 miles. The viscosity was right on the money for a 0W/20 oil, and no fuel or coolant was present in the sample. Run 10,000 miles next and then resample for more information. Nice Prius!

<b>ELEMENTS IN PARTS PER MILLION</b>	MI/HR on Oil	8,500	<b>UNIT / LOCATION AVERAGES</b>					<b>UNIVERSAL AVERAGES</b>
	MI/HR on Unit	28,033						
	Sample Date	08/30/10						
	Make Up Oil Added	0 qts						
ALUMINUM	5	5					5	
CHROMIUM	0	0					0	
IRON	12	12					10	
COPPER	2	2					2	
LEAD	0	0					0	
TIN	2	2					1	
MOLYBDENUM	110	110					90	
NICKEL	0	0					0	
MANGANESE	0	0					0	
SILVER	0	0					0	
TITANIUM	0	0					0	
POTASSIUM	2	2					2	
BORON	65	65					63	
SILICON	12	12					14	
SODIUM	5	5					5	
CALCIUM	2687	2687					2355	
MAGNESIUM	13	13					11	
PHOSPHORUS	689	689					641	
ZINC	792	792					786	
BARIUM	0	0					0	

Values  
Should Be\*

<b>PROPERTIES</b>	SUS Viscosity @ 210°F	52.2	46-59				
	cSt Viscosity @ 100°C	7.94	6.0-10.2				
	Flashpoint in °F	410	>385				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	<0.1				
	Insolubles %	0.5	<0.6				
	TBN						
	TAN						
	ISO Code						

\* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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