



OIL REPORT

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

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

UNIT

EQUIP. MAKE/MODEL: Toyota 1.8L 4-cyl (2ZRFXE)
FUEL TYPE: Gasoline (Unleaded)
ADDITIONAL INFO:

OIL TYPE & GRADE: Mobil 1 0W/20
OIL USE INTERVAL: 8,500 Miles

CLIENT

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!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	8,500	UNIT / LOCATION AVERAGES						UNIVERSAL AVERAGES
	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*

PROPERTIES	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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