



OIL REPORT

LAB NUMBER: E73003

UNIT ID: 10 PRIUS

REPORT DATE: 9/30/2011

CLIENT ID:

CODE: 20/75

PAYMENT:

UNIT

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

OIL TYPE & GRADE: Mobil 1 0W/20
OIL USE INTERVAL: 10,500 Miles

CLIENT

COMMENTS

THOMAS: This Prius' 1.8L engine still looks to be in good shape. You increased your oil run by 2,000 miles and the only wear metals that followed suit were aluminum and iron, which increased by just 1 ppm each. It's great to note that you're running your oil longer than average yet still getting lower-than-average wear. If that's not a sign your engine is wearing well, we don't know what is! We did find a trace of fuel in this oil, though that's not enough to make this a bad report by any means. A trace is probably the result of something like city driving or idling and is harmless.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	10,500	UNIT / LOCATION AVERAGES	8,500					
	MI/HR on Unit	49,858		28,033					
	Sample Date	09/23/11		08/30/10					
	Make Up Oil Added	0 qts		0 qts					
	ALUMINUM	6	6	5					8
	CHROMIUM	0	0	0					0
	IRON	13	13	12					14
	COPPER	1	2	2					3
	LEAD	0	0	0					0
	TIN	2	2	2					1
	MOLYBDENUM	102	106	110					161
	NICKEL	0	0	0					0
	MANGANESE	0	0	0					0
	SILVER	0	0	0					0
	TITANIUM	0	0	0					0
	POTASSIUM	3	3	2					2
	BORON	64	65	65					54
	SILICON	10	11	12					19
	SODIUM	3	4	5					24
UNIVERSAL AVERAGES	CALCIUM	2464	2576	2687					2289
	MAGNESIUM	12	13	13					12
	PHOSPHORUS	701	695	689					668
	ZINC	853	823	792					774
	BARIUM	0	0	0					0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	52.2	46-56	52.2				
	cSt Viscosity @ 100°C	7.95	6.0-9.4	7.94				
	Flashpoint in °F	380	>385	410				
	Fuel %	TR	<2.0	<0.5				
	Antifreeze %	0.0	0.0	0.0				
	Water %	0.0	<0.1	0.0				
	Insolubles %	0.2	<0.6	0.5				
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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