



OIL REPORT

LAB NUMBER: F20694

UNIT ID: 10 PRIUS

REPORT DATE: 9/19/2012

CLIENT ID: 38814

CODE: 20/75

PAYMENT: CC: Visa

UNIT

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

OIL TYPE & GRADE: 0W/20
OIL USE INTERVAL: 10,261 Miles

CLIENT

PHONE: [REDACTED]

FAX:

ALT PHONE:

EMAIL: [REDACTED]

COMMENTS

GABOR: Another 10,000 miles down the road, and your Prius still seems to be getting along just fine! Wear metals have stayed nice and low over the last 10 months, so mechanically, we don't see any problems here. There was a small amount of fuel dilution (seen by the low flashpoint), but 0.8% isn't what we consider a problem level. The viscosity was significantly higher than before, reading more like a 5W/30 than a 0W/20. Is it possible a thicker oil was used? If so, this isn't a problem, since wear wasn't affected. No other issues were found. Nice report overall!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	10,261	UNIT / LOCATION AVERAGES	10,000	5,103				UNIVERSAL AVERAGES
	MI/HR on Unit	40,336		30,000	5,103				
	Sample Date	09/08/12		11/12/11	11/25/09				
	Make Up Oil Added	0 qts		0 qts	0 qts				
ALUMINUM	7	6	7	4					7
CHROMIUM	0	0	0	0					0
IRON	8	11	11	14					14
COPPER	1	16	2	45					3
LEAD	0	0	0	1					0
TIN	0	2	6	1					1
MOLYBDENUM	105	394	630	446					174
NICKEL	0	0	0	0					0
MANGANESE	0	0	0	1					0
SILVER	0	0	0	0					0
TITANIUM	0	0	0	0					2
POTASSIUM	2	2	2	2					2
BORON	8	43	65	56					47
SILICON	10	80	18	212					17
SODIUM	12	24	55	6					21
CALCIUM	2138	2239	2361	2218					2086
MAGNESIUM	21	14	11	10					135
PHOSPHORUS	590	657	736	644					654
ZINC	697	721	840	626					766
BARIUM	0	1	0	3					0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	58.8	46-56	49.7	49.8			
	cSt Viscosity @ 100°C	9.87	6.0-9.4	7.19	7.20			
	Flashpoint in °F	370	>385	395	370			
	Fuel %	0.8	<2.0	<0.5	<0.5			
	Antifreeze %	0.0	0.0	0.0	0.0			
	Water %	0.0	<0.1	0.0	0.0			
	Insolubles %	0.3	<0.6	0.3	0.2			
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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