



OIL REPORT

LAB NUMBER: F49443 UNIT ID: 12 PRIUS
 REPORT DATE: 4/11/2013 CLIENT ID: 36647
 CODE: 20/461 PAYMENT: CC: AmEx (Bulk)

UNIT	MAKE/MODEL: Toyota 1.5L 4-cyl (1NZ-FXE) (Prius)	OIL TYPE & GRADE: Toyota 5W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 10,436 Miles
	ADDITIONAL INFO:	

CLIENT	GEORGE BALEJIAN	PHONE:
	24279 HATTERAS ST	FAX:
	WOODLAND HILLS, CA 91367	ALT PHONE:
		EMAIL: superjetpilot95@gmail.com

COMMENTS GEORGE: Our overall finding in this report is that your Prius' engine is still maturing very nicely. Most metals (including iron, copper and lead) and silicon have all dropped pretty significantly since last time. The one exception is aluminum, which increased by a mere 2 ppm over this oil run. That may show a little extra piston wear, but at this point it's really nothing to get excited about. It should taper off in your next reports, and other metals should continue to improve as well. The TBN still was good at 2.3, so go up to 11,500 miles on your next report. Check back to monitor.

	UNIT / LOCATION AVERAGES		UNIVERSAL AVERAGES	
	MI/HR on Oil	MI/HR on Unit	06/22/12	03/23/12
	10,436	20,280	5,214	1,000
Sample Date	04/01/13			
Make Up Oil Added	0 qts			0 qts
ELEMENTS IN PARTS PER MILLION				
ALUMINUM	9	8	7	6
CHROMIUM	1	1	0	0
IRON	10	11	12	5
COPPER	11	39	67	64
LEAD	1	2	2	2
TIN	2	2	1	2
MOLYBDENUM	104	104	104	101
NICKEL	1	1	1	0
MANGANESE	1	2	2	2
SILVER	0	0	0	0
TITANIUM	0	0	0	0
POTASSIUM	4	3	2	6
BORON	3	4	4	3
SILICON	45	121	196	182
SODIUM	4	5	5	0
CALCIUM	2295	2206	2116	2136
MAGNESIUM	10	13	15	24
PHOSPHORUS	698	708	718	719
ZINC	852	815	777	749
BARIUM	1	3	4	4

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	50.7	46-59	48.9	48.7
	cSt Viscosity @ 100°C	7.49	6.0-10.2	6.93	6.87
	Flashpoint in °F	380	>355	380	380
	Fuel %	<0.5	<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	0.2	0.1
	TBN	2.3	>1.0	3.7	8.0
	TAN				
	ISO Code				

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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