



OIL REPORT

LAB NUMBER: E18025
 REPORT DATE: 6/29/2010
 CODE: 44/286

UNIT ID: 05 PRIUS
 CLIENT ID: 31731
 PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Toyota 1.5L (1NZFXE) 4-Cyl (Prius)	OIL TYPE & GRADE: Amsoil 0W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 16,659 Miles
	ADDITIONAL INFO:	

CLIENT		PHONE: _____
		FAX: _____
		ALT PHONE: _____
		EMAIL: _____

COMMENTS DAVID: You ran this oil considerably longer than the last yet we found no significant change in wear in this sample from the last. The 1.5L that powers your Prius is wearing very nicely and only the minor amount of fuel kept this from being a perfect report. We don't consider fuel dilution a problem unless it reads over 2.0% so what we found here isn't an issue. The fuel had no effect on the viscosity of the oil and no other harmful contaminants were found. The TBN read 3.3 so you still had some active additive left. 1.0 is a low TBN reading. Try 20,000 miles next time.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	16,659	UNIT / LOCATION AVERAGES	11,934					
	MI/HR on Unit	93,345		64,462					UNIVERSAL AVERAGES
	Sample Date	06/13/10		06/22/08					
	Make Up Oil Added	0.5 qts		0.5 qt					
ALUMINUM	3	3	3						3
CHROMIUM	0	0	0						0
IRON	11	11	11						9
COPPER	0	1	1						1
LEAD	2	1	0						0
TIN	1	1	1						0
MOLYBDENUM	3	41	79						72
NICKEL	0	1	1						0
MANGANESE	0	0	0						1
SILVER	0	0	0						0
TITANIUM	0	0	0						0
POTASSIUM	2	2	1						2
BORON	8	27	46						48
SILICON	8	13	18						14
SODIUM	7	7	6						24
CALCIUM	3991	3284	2576						2294
MAGNESIUM	14	15	15						30
PHOSPHORUS	690	686	681						649
ZINC	921	901	880						790
BARIIUM	1	1	1						0

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	58.3	55-67	61.2					
	cSt Viscosity @ 100°C	9.73	8.8-12.4	10.55					
	Flashpoint in °F	355	>375	385					
	Fuel %	1.0	<2.0	<0.5					
	Antifreeze %	0.0	0	0.0					
	Water %	0.0	0.0	0.0					
	Insolubles %	0.4	<0.6	0.3					
	TBN	3.3		2.4					
	TAN								
	ISO Code								

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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