



OIL REPORT

LAB NUMBER: E67328

UNIT ID: 07 PRIUS

REPORT DATE: 8/16/2011

CLIENT ID: 11403

CODE: 20/75

PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Toyota 1.5L (1NZFXE) 4-Cyl (Prius)	OIL TYPE & GRADE: Mobil 1 5W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 6,064 Miles
	ADDITIONAL INFO:	

CLIENT	SCOTT MARENCIC	PHONE: (717) 215-5863
	402 N. HANOVER STREET	FAX:
	HERSHEY, PA 17033	ALT PHONE:
		EMAIL: LDPosse@juno.com

COMMENTS SCOTT: Based on this analysis, going more than 6,000 miles on the oil should be a breeze for this Prius. In fact, our universal averages show typical wear for the 1NZ-FXE engine after about 7,300 miles on the oil, so there are lots of Priuses (or is it Prii?) out there running longer. Your wear compares nicely with averages, so we don't see any problems developing. Low insolubles and silicon show good oil and air filtration. If you really want to know how long the oil can hold up, we'd suggest getting a TBN with your next sample, but we think it could do 8,000 miles easy.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	6,064	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	82,210						
	Sample Date	08/03/11						
	Make Up Oil Added	0 qts						
ALUMINUM	4	4					3	
CHROMIUM	0	0					0	
IRON	8	8					9	
COPPER	1	1					1	
LEAD	1	1					0	
TIN	0	0					1	
MOLYBDENUM	96	96					76	
NICKEL	0	0					0	
MANGANESE	0	0					1	
SILVER	0	0					0	
TITANIUM	0	0					0	
POTASSIUM	0	0					2	
BORON	62	62					48	
SILICON	14	14					14	
SODIUM	5	5					29	
CALCIUM	2545	2545					2270	
MAGNESIUM	14	14					26	
PHOSPHORUS	710	710					655	
ZINC	713	713					784	
BARIUM	1	1					0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	58.7	55-62				
	cSt Viscosity @ 100°C	9.86	8.8-11.1				
	Flashpoint in °F	385	>365				
	Fuel %	<0.5	<2.0				
	Antifreeze %	0.0	0.0				
	Water %	0.0	0.0				
	Insolubles %	0.2	<0.6				
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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