



OIL REPORT

LAB NUMBER: D32244
REPORT DATE: 2/28/2008
CODE: 20/286

UNIT ID: 05 PRIUS-SY
CLIENT ID: 21659
PAYMENT: CC: MC

UNIT	MAKE/MODEL: Toyota 1.5L (1NZFXE) 4-cyl	OIL TYPE & GRADE: Mobil 1 5W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 7,396 Miles
	ADDITIONAL INFO:	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS	This is the same oil as last sample except with more use, and for the most part, things look really good.
	Silicon is still high, but hasn't gotten any worse and isn't affecting wear metals at all. We did find a little excess fuel in the oil. Not enough to think you have a fuel system problem and it may be normal if this engine was started right before the sample was taken. The TBN held up well at 3.8, so the oil still has plenty of active additive left. Suggest leaving it in use for another 3,000 miles and check back.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	7,396	UNIT / LOCATION AVERAGES	4,800	4,921	380	1,420	5,054	UNIVERSAL AVERAGES
	MI/HR on Unit	72,476		69,880	59,918	55,577	36,314	19,732	
	Sample Date	02/21/08		01/27/08	09/29/07	08/05/07	11/26/06	02/24/06	
	Make Up Oil Added	0 qts		0 qts	0 qts	0 qts	0 qts	0 qts	
	ALUMINUM	4	3	3	2	2	2	3	3
	CHROMIUM	0	0	0	0	0	0	0	0
	IRON	8	5	8	4	2	1	6	8
	COPPER	1	1	1	1	1	0	1	1
	LEAD	1	0	0	0	0	0	0	0
	TIN	0	0	0	0	0	0	1	0
	MOLYBDENUM	68	61	67	39	38	70	84	69
	NICKEL	0	0	0	0	0	0	0	0
	MANGANESE	0	0	0	0	0	0	1	1
	SILVER	0	0	0	0	0	0	0	0
	TITANIUM	0	0	0	0	0	0	0	0
	POTASSIUM	1	1	0	2	0	0	1	1
	BORON	33	35	35	22	32	47	40	51
	SILICON	19	13	19	12	8	11	9	15
	SODIUM	10	14	9	6	3	4	50	7
	CALCIUM	2051	2133	2258	2273	2091	2116	2010	2348
	MAGNESIUM	11	11	13	11	9	10	11	25
	PHOSPHORUS	625	606	616	638	580	589	586	631
	ZINC	771	712	768	732	668	680	653	747
	BARIUM	0	1	0	2	1	1	0	0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	53.5	49-58	51.8	55.8	56.3	59.8	56.5
	cSt Viscosity @ 100°C	8.34	7.0-9.9	7.82	9.01	9.16	10.15	9.20
	Flashpoint in °F	325	>355	385	370	355	350	345
	Fuel %	1.5	<2.0	<0.5	<0.5	0.5	0.8	1.0
	Antifreeze %	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Water %	0.0	0.0	0.0	0.0	0.0	0.0	TR
	Insolubles %	0.3	<0.5	0.3	0.2	0.1	0.2	0.2
	TBN	3.8		4.1				
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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