

UNIT	MAKE/MODEL: Toyota 1.5L (1NZFXE) 4-cyl	OIL TYPE & GRADE: Super Tech 5W/30
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 4,921 Miles
	ADDITIONAL INFO:	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS	: Nice improvement in fuel dilution and wear. Neither was really an issue last time, though we always like to see better results. No wear metals are actually reading lower than last sample, though they can still be considered improved at the wear rate (ppm/mile), since this oil was run longer. The viscosity was a little on the low side for a 5W/30 but since it wasn't low due to excess fuel dilution and wear still looks good, it's not really a concern. No anti-freeze was found. All in all, a very good report here for the engine in your Prius at 59,918 total miles.
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ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	4,921	UNIT / LOCATION AVERAGES	380	1,420	5,054			
	MI/HR on Unit	59,918		55,577	36,314	19,732			
	Sample Date	09/29/07		08/05/07	11/26/06	02/24/06			
	Make Up Oil Added	0 qts		0 qts	0 qts	0 qts			
	ALUMINUM	2	2	2	2	3			3
	CHROMIUM	0	0	0	0	0			0
	IRON	4	3	2	1	6			8
	COPPER	1	1	1	0	1			1
	LEAD	0	0	0	0	0			0
	TIN	0	0	0	0	1			0
	MOLYBDENUM	39	58	38	70	84			71
	NICKEL	0	0	0	0	0			0
	MANGANESE	0	0	0	0	1			1
	SILVER	0	0	0	0	0			0
	TITANIUM	0	0	0	0	0			0
	POTASSIUM	2	1	0	0	1			1
	BORON	22	35	32	47	40			55
	SILICON	12	10	8	11	9			14
	SODIUM	6	16	3	4	50			6
	CALCIUM	2273	2123	2091	2116	2010			2302
	MAGNESIUM	11	10	9	10	11			28
	PHOSPHORUS	638	598	580	589	586			624
	ZINC	732	683	668	680	653			725
	BARIUM	2	1	1	1	0			0

Values
Should Be*

PROPERTIES	SUS Viscosity @ 210°F	55.8	56-63	56.3	59.8	56.5		
	cSt Viscosity @ 100°C	9.01	9.1-11.3	9.16	10.15	9.20		
	Flashpoint in °F	370	>365	355	350	345		
	Fuel %	<0.5	<2.0	0.5	0.8	1.0		
	Antifreeze %	0.0	0.0	0.0	0.0	0.0		
	Water %	0.0	<0.1	0.0	0.0	TR		
	Insolubles %	0.2	<0.6	0.1	0.2	0.2		
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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