



OIL REPORT

LAB NUMBER:
 REPORT DATE: 10/2/2015
 CODE: 20/32

UNIT ID:
 CLIENT ID:
 PAYMENT:

UNIT	EQUIP. MAKE/MODEL: Toyota 1.8L 4-cyl (2ZR-FXE)	OIL TYPE & GRADE: Toyota Synthetic 0W/20
	FUEL TYPE: Gasoline (Unleaded)	OIL USE INTERVAL: 10,756 Miles
	ADDITIONAL INFO:	

CLIENT	PHONE:
	FAX:
	ALT PHONE:
	EMAIL:

COMMENTS Your Prius is looking good in this latest report, and the trends it has developed are favorable thus far. Aluminum came down just a bit more after using a longer run, which is always nice to see. Overall, things held pretty steady since last time and that's the hallmark of a healthy engine. If your 2ZR-FXE is having any issues, we're not seeing the evidence in these numbers. The small, harmless amounts of fuel we've seen in the past didn't turn up here, and no moisture or coolant was present either. All is well as of 9/17/15, the sample date. Keep up the good work!

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	10,756	UNIT / LOCATION AVERAGES	10,000	10,000	5,000	5,400	UNIVERSAL AVERAGES
	MI/HR on Unit	40,885		30,128	20,000	10,051	5,400	
	Sample Date	9/17/2015		5/9/2015	8/30/2014	10/7/2013	5/11/2013	
	Make Up Oil Added	0 qts		0 qts	0 qts	0 qts	0 qts	
ALUMINUM	3	6	4	7	6	8	5	
CHROMIUM	0	0	0	0	0	0	0	
IRON	5	10	5	9	7	17	11	
COPPER	1	16	1	3	12	62	2	
LEAD	0	0	0	0	0	0	0	
TIN	0	1	0	0	0	0	1	
MOLYBDENUM	40	185	46	44	71	100	121	
NICKEL	0	0	0	0	0	0	0	
MANGANESE	0	0	0	0	0	2	0	
SILVER	0	0	0	0	0	0	0	
TITANIUM	0	0	0	0	0	0	2	
POTASSIUM	0	2	6	0	1	0	2	
BORON	7	33	14	20	91	2	38	
SILICON	8	66	6	17	47	206	13	
SODIUM	9	13	5	5	4	5	22	
CALCIUM	2301	2250	2712	1974	2315	1981	1964	
MAGNESIUM	11	17	15	14	38	13	236	
PHOSPHORUS	564	662	762	487	823	687	663	
ZINC	683	750	876	596	916	769	777	
BARIUM	0	1	0	0	0	2	0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	53.0	46-57	49.0	48.3	49.3	48.1
	cSt Viscosity @ 100°C	8.19	6.0-9.7	6.97	6.76	7.07	6.69
	Flashpoint in °F	400	>385	375	390	385	395
	Fuel %	<0.5	<2.0	0.5	<0.5	TR	<0.5
	Antifreeze %	0.0	0.0	0.0	0.0	0.0	0.0
	Water %	0.0	<0.1	0.0	0.0	0.0	0.0
	Insolubles %	0.3	<0.6	0.1	0.3	0.4	0.4
	TBN						
	TAN						
	ISO Code						

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

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