

COMPANY NAME :
CUSTOMER EQUIP NUM : 2010_PRIUS
COMPARTMENT NAME : TRANSMISSION
SERIAL NUMBER : 2010_PRIUS
MANUFACTURER : TOYOTA
MODEL : PRIUS
JOB SITE :
EXT WARR NUMBER :

SHOP JOB NUM :
COMP SERIAL NUM :
COMPARTMENT MODEL :
COMP MANUFACTURER :
SAMPLE LABEL NUM :
FLUID BRAND/WEIGHT : MOBIL/ATF
FLUID TYPE :
EXT WARR EXPIRE DATE :
FUEL CONSUMED :

FOLEY
EQUIPMENT



SOS Services Laboratory
1550 S. West St.
Wichita, KS 67213-1668
316-943-4211
www.foleytractor.com

FAX:

SAMPLE TYPE: OIL

SAMPLE SHIP TIME (days) : 63

LAB CONTROL NUMBER	SAMPLE DATE	PROCESS DATE	EQUIPMENT METER	METER ON FLUID	FLUID CHANGED	MAKE UP FLUID	MAKE UP FLUID UNITS	FILTER CHANGED
E130-43121-3010	4-27-13	2/27/13	5/1/13	119000 MI	7000 MI	Yes		Yes
No Action Required	LOWER SILICON IS IMPROVING WEAR RATES. WEAR PATTERN IS ACCEPTABLE AT THIS TIME. RESAMPLE AT NORMAL INTERVAL.							
E130-42347-3001	12/9/12	12/12/12	112420 MI	420 MI	Yes			Unknown
Monitor Compartment	FIRST SAMPLE/NO TREND ESTABLISHED. NORMAL WEAR METAL PROFILE HAS NOT YET BEEN ESTABLISHED FOR THIS COMPARTMENT. ALUMINUM IS HIGH. PARTICLE COUNT DATA IS HIGH OVERALL. COULD BE NORMAL FOR EQUIP DESIGN/APPLICATION. CK FOR PERFORMANCE PROBLEMS. RESAMPLE AT NORMAL INTERVAL TO ESTABLISH A TREND.							
E130-42338-3009	11/18/12	12/3/12	112000 MI	112000 MI	Yes			
Action Required	SAMPLE CONTAINS VISIBLE METALLIC DEBRIS. SAMPLE IS DARKER THAN NORMAL. IRON IS EXTREMELY HIGH. ALUMINUM IS EXTREMELY HIGH. SILICON IS HIGH. CHECK FOR A POSSIBLE DIRT LEAK. MIGHT BE CAUSED BY EXTENDED USAGE PERIOD. OIL CHANGED AT THIS TIME. RESAMPLE IN 3,000 MILES TO ESTABLISH A TREND. CHECK FOR ABNORMAL NOISE/ PERFORMANCE.							
E130-42326-3001	11/15/12	11/21/12	250000 MI	60000 MI	Yes	0.0		Unknown
No Action Required	FIRST SAMPLE/NO TREND ESTABLISHED. ALUMINUM APPEARS HIGH BUT MAY BE ACCEPTABLE FOR THIS MODEL / APPLICATION. IF NO ABNORMAL NOISE / PERFORMANCE ARE NOTED AND THERE IS NO ABNORMAL METAL IN THE FILTER(S) THEN RESAMPLE AT NORMAL INTERVAL TO ESTABLISH A TREND.							

Wear Metals (ppm)	Cu	Fe	Cr	Al	Pb	Sn	Si	Na	K	B	Mo	Ni	Ag	Ca	Mg	Zn	P
E130-43121-3010	5	14	0	18	0	0	10	4	0	234	1	0	0	248	0	22	588
E130-42347-3001	5	54	0	85	1	1	26	0	0	70	5	1	0	149	3	14	290
E130-42338-3009	43	391	3	382	2	1	154	3	0	37	9	13	0	144	3	29	262
E130-42326-3001	40	58	0	61	1	1	27	0	0	59	4	1	0	128	3	18	296

5-1-13, 7k miles, Mobil1ATF,

12-12-12, 420 miles, ATF WS

12-3-12, 112k miles, Original ATF WS

Buddy's car. 250k on car, 60k on ATF WS

Oil Condition / Particle Count (ct/ml)	ST	OXI	NIT	SUL	W	A	V100	ISO	4μ	6μ	10μ	14μ	18μ	21μ	38μ	50μ
E130-43121-3010	0	28	6	35	N	N	7.0	23/23/17	65126	40351	7990	1227	293	128	7	1
E130-42347-3001	0	47	4	36	N	N	5.7	23/23/18	70318	48550	13413	1770	293	133	13	6
E130-42338-3009	0	46	5	34	N	N	12.0									
E130-42326-3001	0	48	5	35	N	N	5.5	23/20/13	50908	6029	101	77	63	56	29	17

Same as above.

<This line blank because fluid "Too dark to do Particle Count".

Ag = Silver, Al = Aluminum, B = Boron, Ca = Calcium, Cr = Chromium, Cu = Copper, Fe = Iron, P = Phosphorus, K = Potassium, Mg = Magnesium, Mo = Molybdenum, Na = Sodium, Ni = Nickel, Pb = Lead, Si = Silicon, Sn = Tin, V = Vanadium, Zn = Zinc, A = Antifreeze, F = Fuel, W = Water, P = Positive, N = Negative, T = Trace, E = Excessive, NIT = Nitration, OXI = Oxidation, ST = Soot, SUL = Sulfation, ISO = ISO Rating, PFC = Percent Fuel Content, PQI = Particle Quantifying index, NaW = Salt Water, FL Pt = Flash Point, TAN = Total Acid Number, TBN = Total Base Number, H2O = Karl Fisher result, V100 = Viscosity@100C, V40 = Viscosity@40C

Notice: This analysis is intended as an aid in predicting mechanical wear. No guarantee, expressed or implied, is made against failure of this piece of equipment or a component thereof.