

UNIT ID  
PRIUS 2010 E  
SECOND ID

COMPANY INFORMATION  
CHAN BANH

# Oil Analyzers INC.

UNIT TYPE  
UNLEADED GASOLINE ENGINE  
APPLICATION  
UNKNOWN

ACCOUNT NUMBER OILANA29860000  
DATE SAMPLED N/A  
DATE RECEIVED 09/08/09  
DATE COMPLETED 09/09/09

OVERALL SEVERITY OF REPORT  
based on comments, not individual flags

ACTION SUGGESTED

0	1	2	3	4
NORMAL	ABNORMAL		CRITICAL	

TRACKING # 09118F00824  
MANUFACTURER/MODEL TOYOTA PRIUS  
LUBE MFR TOYOTA  
LUBE TYPE - GRADE SAE 0W20  
MICRON RATING 15  
FILTER TYPE FULLFLOW  
SUMP CAPACITY 0.00  
HYD SYSTEM PRESSURE 0  
FLUID ADDED

LAB # 296566 LOCATION I ANALYST KM

FLUID ANALYSIS REPORT - 877-458-3315

COMMENTS: Suggest unit's vital signs and fluid levels be observed closely between sample intervals; Silicon is at a SIGNIFICANT LEVEL; SILICON sources can be abrasives (dirt, Alumina Silica), seals and gasket material, lube additive or lube supplement, and/or environmental contaminant; Copper is at a MINOR LEVEL; COPPER is most likely LEACHING into the oil via the OIL COOLER core tubing. This typically DOES NOT REQUIRE MAINTENANCE ACTION unless there is evidence of COOLANT in the oil; Please provide missing lube type (PRODUCT NAME); Unit and/or lube TIME missing; Flagged data has been rechecked and confirmed; Lubricant change acknowledged;

SAMP #	WEAR METALS PPM							CONTAMINANT METALS - PPM					MULTI-SOURCE METALS - PPM					ADDITIVE METALS PPM						
	IRON	CHROMIUM	NICKEL	ALUMINUM	COPPER	LEAD	TIN	CADMIUM	SILVER	VANADIUM	SILICON	SODIUM	POTASSIUM	TITANIUM	MOLYBDENUM	ANTIMONY	MANGANESE	LITHIUM	BORON	MAGNESIUM	CALCIUM	BARIUM	PHOSPHORUS	ZINC
1	6	0	0	2	38	0	0	0	0	0	210	5	2	0	622	0	0	1	71	9	2168	2	697	752

SAMP #	DATE SAMPLED	UNIT TIME	LUBE CHG	FILTER CHG	FUEL GC	SOOT Vol.	WATER Infrared	VIS 40C CS	VIS 100C CS	TAN Total Acid	TBN Total Base	I-R OXIDA	I-R NITRA	ISO CODE	4 MICRON	6 MICRON	10 MICRON	14 MICRON	21 MICRON	38 MICRON	70 MICRON	100 MICRON	
	DATE RECEIVED	LUBE TIME																					
1	N/A		Y	Y	1.3%	<.1%	<.1		7.8		7.54	26	14										

SAMP #
1

Comments are advisory only and are based on the assumption that the sample and data submitted are valid. Missing lube or unit time limits the evaluation. No warranty is expressed or implied.