

UNIT ID
2010 TOY PRIUS E
SECOND ID
UNIT TYPE
UNLEADED GASOLINE ENGINE
APPLICATION
TRANSPORTATION

Oil Analyzers INC.

COMPANY INFORMATION

ACCOUNT NUMBER
OILANA75006245
DATE SAMPLED
10/09/10
DATE RECEIVED
10/13/10
DATE COMPLETED
10/14/10
TRACKING #
09213G01507
MANUFACTURER/MODEL
TOYOTA PRIUS
LUBE MFR
AMSOIL
LUBE TYPE - GRADE
SAE 20
MICRON RATING
15
FILTER TYPE
FULLFLOW
SUMP CAPACITY
0.00
HYD SYSTEM PRESSURE
0
FLUID ADDED

OVERALL SEVERITY OF REPORT
based on comments, not individual flags

ACTION SUGGESTED

0	1	2	3	4
NORMAL	ABNORMAL	CRITICAL		

LAB #
818063
LOCATION
I
ANALYST
CMW

FLUID ANALYSIS REPORT - 877-458-3315

COMMENTS
FLAGGED values are much higher than expected for new/overhauled unit; Silicon/Dirt may be present due to new unit contamination; Aluminum is at a MINOR LEVEL; Possible piston metal; FUEL DILUTION is at a SEVERE LEVEL; SINCE UNIT IS NEW, RINGS MAY NOT BE COMPLETELY SEATED AND ALLOWING FUEL TO GET BY THE RINGS; Total Base Number is MODERATELY LOW; Infrared results indicate beginning lube oxidation; Lubricant and filter change acknowledged; Change oil and filters if not done when oil sample was taken.

WEAR METALS PPM										CONTAMINANT METALS - PPM					MULTI-SOURCE METALS - PPM					ADDITIVE METALS PPM				
SAMP #	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	24	0	0	9	43	0	0	0	0	0	186	3	1	0	559	0	1	0	40	8	1839	0	536	644
2	24	0	0	12	15	0	0	0	0	0	54	18	14	0	75	0	0	0	9	16	2741	0	637	709
SAMP #	DATE SAMPLED	UNIT TIME	LUBE TIME	FILTE R CHG	FUE L GC	SUO T Vol.	WAT ER 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		
1	12/25/09 12/30/09	5460 5460	Y	Y	3.4%	<.1%	<.1		6.8		4.79	27	21											
2	10/09/10 10/13/10	15365 10	Y	Y	4.6%	<.1%	<.1		7.6		3.59	52	32											
SAMP #																								
1																								
2																								

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.