

Overall report severity based on comments.

Account Information		Component Information		Sample Information	
Account Number: OILANA-7501-2767 Company Name: STUART MILLER Contact: STUART MILLER Address: 335 CALIFORNIA AVE Phone Number: 516-377-8151		Component ID: UNKN ID 12/21/12 E Secondary ID: Component Type: UNLEADED GASOLINE ENGINE Manufacturer: TOYOTA Model: 4.5L Application: UNKNOWN Sump Capacity: 11 qt		Tracking Number: 12270A00823 Lab Number: I-132141 Lab Location: Indianapolis Data Analyst: RNF Sampled: 14-Dec-2012 Received: 21-Dec-2012 Completed: 22-Dec-2012	
Filter Information		Miscellaneous Information		Product Information	
Filter Type: FULLFLOW & BYPASS Micron Rating: 15		Miscellaneous:		Product Manufacturer: AMSOIL Product Name: SIGNATURE SERIES Viscosity Grade: SAE 5W30	
Comments	Flagged data does not indicate an immediate need for maintenance action. Continue to observe the trend and monitor equipment and fluid conditions. Base Number is MODERATELY LOW. Infrared results indicate beginning lube oxidation; Lubricant and filter change acknowledged;				

	Wear Metals (ppm)										Contaminant Metals (ppm)			Multi-Source Metals (ppm)						Additive Metals (ppm)				
Sample #	Iron	Chromium	Nickel	Aluminum	Copper	Lead	Tin	Cadmium	Silver	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Antimony	Manganese	Lithium	Boron	Magnesium	Calcium	Barium	Phosphorous	Zinc
1	4	0	0	0	1	1	0	0	0	0	16	12	4	0	152	0	0	0	54	131	3213	0	645	734

Sample Information								Contaminants			Fluid Properties					
Sample #	Date Sampled	Date Received	Lube Time	Unit Time	Lube Change	Lube Added	Filter Change	Fuel Dilution	Soot	Water	Viscosity 40°C	Viscosity 100 °C	Acid Number	Base Number	Oxidation	Nitration
			mo	mi				% Vol	% Vol	% Vol	cSt	cSt	mg KOH/g	mg KOH/g	abs/cm	abs/0.1 mm
1	14-Dec-2012	21-Dec-2012	11	11209	Yes		Yes	<1 - Estimate	<.1	<.1 - FTIR		10.2		3.19	50	16

Particle Count (particles/mL)										Additional Testing	
Sample #	ISO Code										
	Based On 4/6/14	> 4 µm	> 6 µm	> 10 µm	> 14 µm	> 21 µm	> 38 µm	> 70 µm	> 100 µm	Test Method	
1	//										

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

Historical
Comments