



Lubricant Analysis Report

877-808-3750

0	1	2	3	4
NORMAL		ABNORMAL		CRITICAL

Overall report severity based on comments.

Account Information		Component Information		Sample Information	
Account Number: ONLINE-1987-0000 Company Name: JOHN THOMA Contact: Address: 18950 N NUECES TRAIL MAGNOLIA, TX 77355 US Phone Number: 281-259-4248		Component ID: 2004 HONDA S2000 T Secondary ID: Component Type: MANUAL TRANSMISSION Manufacturer: HONDA Model: S2000 Application: AUTOMOTIVE Sump Capacity: 2 gal		Tracking Number: 12178C01931 Lab Number: H-799267 Lab Location: Houston Data Analyst: DRH Sampled: 11-Aug-2012 Received: 16-Aug-2012 Completed: 20-Aug-2012	
Filter Information		Miscellaneous Information		Product Information	
Filter Type: Missing Information Micron Rating: 0		Miscellaneous:		Product Manufacturer: AMSOIL Product Name: MTF SYN SYNCHROMESH TRANS 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. Viscosity is MODERATELY LOW; Flagged additive levels are higher than expected for the lubricant that is identified (This does not imply that the lubricant does not meet proper API, SAE or ISO classifications.); Flagged data has been rechecked and confirmed; Lubricant change acknowledged;				

Sample #	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	Phosphorous	Zinc
1	6	0	0	1	0	0	0	0	0	0	6	0	0	0	0	0	0	0	4	4424	39	0	1210	985
2	17	0	0	2	2	6	0	0	0	0	11	2	0	0	2	0	0	0	3	4172	94	0	1277	957

Sample #	Sample Information								Contaminants			Fluid Properties					
	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	
			mi	mi				% Vol	% Vol	% Vol	cSt	cSt	mg KOH/g	mg KOH/g	abs/cm	abs/0.1 mm	
1	11-Aug-2012	16-Aug-2012			Unk		Unk			<.1 - Hotplate		9.8	2.29				
2	11-Aug-2012	16-Aug-2012	4633	65260	Yes		Unk			<.1 - Hotplate		8.6	2.08				

Sample #	Particle Count (particles/mL)										Additional Testing	
	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	//											
2	//											

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	1	Flagged data does not indicate an immediate need for maintenance action. Continue to observe the trend and monitor equipment and fluid conditions. Flagged additive levels are higher than expected for the lubricant that is identified (This does not imply that the lubricant does not meet proper API, SAE or ISO classifications.); Unit and/or lube TIME missing; Flagged data has been rechecked and confirmed;
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