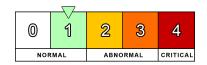


## Lubricant Analysis Report

877-808-3750



Overall report severity based on comments.

Additional Testing

Account Information	Component Information	Sample Information			
Account Number: ONLINE-1987-0000	Component ID: 2004 HONDA S2000 RD	Tracking Number: 12178C01930			
Company Name: JOHN THOMA	Secondary ID:	Lab Number: H-799776			
Contact:	Component Type: DIFFERENTIAL	Lab Location: Houston			
Address: 18950 N NUECES TRAIL	Manufacturer: HONDA	Data Analyst: RMF			
MAGNOLIA, TX 77355 US	Model: S2000	Sampled: 11-Aug-2012			
Phone Number: 281-259-4248	Application: AUTOMOTIVE	Received: 16-Aug-2012			
	Sump Capacity: 1 qt	Completed: 17-Aug-2012			
Filter Information	Miscellaneous Information	Product Information			
Filter Type: Missing Information Micron Rating: 0	Miscellaneous:	Product Manufacturer: LUBRICATION ENGINEERS			
Micron Racing. 0		Product Name: 1605 DUOLEC VPGL			
	han immediate need for maintenance action. Con	Viscosity Grade: ISO 220			

Comments
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 different than what should be present for the lubricant that is identified for this unit. (This does not imply that the lubricant does not meet proper API, SAE, or ISO classifications.); Lubricant 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
NL	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	1	88	0	6	0	1154	4
1	17	0	1	0	0	0	0	0	0	0	3	0	2	0	0	0	0	0	68	14	10	0	1233	20

		Sample	e Infor	mation					Fluid Properties							
mple #	ite Sampled	Date Received	Lube Time	Unit Time	ube Change	Lube Added	lter Change	Fuel Dilution	Soot	Water	Viscosity 40°C	Viscosity 100°C	a Acid B Number	Base Number	Oxidation	Nitration
Sa	Da	Ра	mi	mi	Lu		닅	% Vol	% Vol	% Vol	cSt	cSt	KOH/g	KOH/g	abs/cm	
NL	11-Aug-2012	16-Aug-2012			Unk		Unk			<.1 - Hotplate	222		1.78			
1	11-Aug-2012	16-Aug-2012	4633	65260	Yes		Unk			<.1 - Hotplate	206		1.98			

	Particle Count (particles/mL)													
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				
NL	//													
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