



Lubricant Analysis Report

North America: +1-877-808-3750
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0	1	2	3	4
NORMAL	ABNORMAL		CRITICAL	

Overall report severity based on comments.

Account Information		Component Information		Sample Information	
Account Number: 122750-0001-0000 Company Name: ARCH OIL COMMENTS Contact: Address: Phone Number:		Component ID: 8436 HONDA S2000 2.0 2008Y E Secondary ID: Component Type: UNLEADED GASOLINE ENGINE Manufacturer: HONDA Model: S2000 Application: AUTOMOTIVE Sump Capacity: 5 L		Tracking Number: S2333057164 Lab Number: Z-368134 Lab Location: Poznan Data Analyst: JUK Sampled: 11-Oct-2023 Received: 07-Dec-2023 Completed: 12-Dec-2023	
Filter Information		Miscellaneous Information		Product Information	
Filter Type: Information Requested Micron Rating: 0		Miscellaneous: 18 months street use		Product Manufacturer: LIQUI MOLY Product Name: SYNTHOIL HIGH TECH Viscosity Grade: SAE 5W40	
Comments	Data indicates no abnormal findings. Resample at normal interval.				

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	Phosphorus	Zinc
1	3	0	0	0	3	0	0	0	0	0	10	1	0	0	104	1	0	0	37	21	3165	1	945	1095

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 No. D4739	Oxidation	Nitration
			km	km	Yes	L	Yes	%	%	%	cSt	cSt	mg KOH / g	mg KOH / g	abs / cm	abs / 0.1mm
1	11-Oct-2023	07-Dec-2023	2300	12000	Yes	0	Yes	1.2 - GC	<.1	<.1 - FTIR	71.3	12.6	3.00	9.39	6	5

Sample #	Particle Count (particles/mL)										Additional Testing	
	ISO Code	> 4	> 6	> 10	> 14	> 21	> 38	> 70	> 100	Test Method	Viscosity Index	Index Number
	Based On 4/6/14	particles / mL	particles / mL	particles / mL	particles / mL	particles / mL	particles / mL	particles / mL	particles / mL			
1	/ /										178	

Comments are advisory only and are based on the assumption that the sample and data submitted are valid. Results relate only to the items tested. Missing fluid or component information limits the evaluation. No warranty is expressed or implied. Measurement uncertainty available upon request.