



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 RD Secondary ID: Component Type: DIFFERENTIAL Manufacturer: HONDA Model: S2000 Application: AUTOMOTIVE Sump Capacity: 1 qt | | Tracking Number: 12178C01930 Lab Number: H-799776 Lab Location: Houston Data Analyst: RMF Sampled: 11-Aug-2012 Received: 16-Aug-2012 Completed: 17-Aug-2012 | |
| Filter Information | | Miscellaneous Information | | Product Information | |
| Filter Type: Missing Information Micron Rating: 0 | | Miscellaneous: | | Product Manufacturer: LUBRICATION ENGINEERS Product Name: 1605 DUOLEC VPGL 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; | | | | |

| 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 | 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 # | 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 | 4633 | 65260 | Yes | | Unk | | | <.1 - Hotplate | 206 | | 1.98 | | | | |

| 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 | // | | | | | | | | | | |

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