



Lubricant Analysis Report

North America: +1-877-808-3750
 Latin America: +1-317-808-3750 / +502-3093-6466 (WhatsApp)
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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: 153995-0002-0000 Company Name: BOOM & BUCKET Contact: KRIS HUFF Address: 600 CONGRESS AVE AUSTIN, TX US Phone Number: 1888-313-1597/909-846-6495 | | Component ID: 2003 CAT 966G Secondary ID: 0AXJ01440 Component Type: DIESEL ENGINE Manufacturer: Information Requested Model: Information Requested Application: SANITATION Sump Capacity: 1 unk | | Tracking Number: 23265Y85693 Lab Number: S-150952 Lab Location: Salt Lake City Data Analyst: ZXH Sampled: 19-Apr-2024 Submitted: 19-Apr-2024 Received: 25-Apr-2024 Completed: 26-Apr-2024 | |
| Filter Information | | Miscellaneous Information | | Product Information | |
| Filter Type: Information Requested Micron Rating: 0 | | | | Product Manufacturer: Information Requested Product Name: Information Requested Viscosity Grade: Information Requested | |
| Comments | | Data indicates no abnormal findings. Resample at normal interval. In order to properly compare data to the correct standards, please provide COMPONENT MANUFACTURER and MODEL, and the FLUID MANUFACTURER, PRODUCT NAME, and VISCOSITY GRADE. Unit and/or lubricant TIME missing. | | | |

| 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 | 18 | 1 | 0 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | 4 | 3 | 0 | 0 | 57 | 0 | 0 | 0 | 88 | 491 | 1862 | 0 | 1099 | 1280 |

| Sample # | Sample Information | | | | | Contaminants | | | | | Fluid Properties | | | | | |
|----------|--------------------|---------------|-----------|-----------|-------------|---------------|------|---------------|----------------|------------------|------------------|----------------|-----------|-------------|----|---|
| | Date Sampled | Date Received | Lube Time | Unit Time | Lube Change | Fuel Dilution | Soot | Water | Viscosity 40°C | Viscosity 100 °C | Acid Number | Base No. D4739 | Oxidation | Nitration | | |
| | | | h | h | Lube Added | % | % | % | cSt | cSt | mg KOH / g | mg KOH / g | abs / cm | abs / 0.1mm | | |
| 1 | 19-Apr-2024 | 25-Apr-2024 | 0 | 0 | No | 0 | No | <2 - Estimate | <.1 | <.1 - FTIR | | 13.3 | | 5.68 | 12 | 7 |

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

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.