



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: A7564411 Secondary ID: 2023 Bobcat E35 Component Type: DIESEL ENGINE Manufacturer: Information Requested Model: Information Requested Application: CONSTRUCTION Sump Capacity: | | Tracking Number: 24183M78111 Lab Number: S-312811 Lab Location: Salt Lake City Data Analyst: KDN Sampled: 11-Mar-2025 Submitted: 11-Mar-2025 Received: 14-Mar-2025 Completed: 21-Mar-2025 | |
| 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 | BASED ON LIMITED INFORMATION PROVIDED, DATA indicates no abnormal findings; Please provide component Manufacturer and/or Model, Fluid Manufacturer and/or product and/or grade. Unit and/or lubricant TIME missing. | | | | |

| | 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 | Phosphorus | Zinc |
| 1 | 4 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 15 | 4 | 0 | 0 | 125 | 0 | 1 | 0 | 143 | 695 | 1287 | 1 | 767 | 841 |

| Sample Information | | | | | | | | Contaminants | | | Fluid Properties | | | | | |
|--------------------|--------------|---------------|-----------|-----------|-------------|------------|---------------|---------------|------|------------|------------------|------------------|-------------|----------------|-----------|-------------|
| Sample # | 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 |
| | | | h | h | | unk | | % | % | % | cSt | cSt | mg KOH / g | mg KOH / g | abs / cm | abs / 0.1mm |
| 1 | 11-Mar-2025 | 14-Mar-2025 | 0 | 0 | No | 0 | No | <2 - Estimate | <.1 | <.1 - FTIR | | 13.3 | | 7.44 | 12 | 8 |

| Particle Count (particles/mL) | | | | | | | | | | Additional Testing | | | | | |
|-------------------------------|----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------------|--|--|--|--|--|
| Sample # | ISO Code | > 4 | > 6 | > 10 | > 14 | > 21 | > 38 | > 70 | > 100 | Test Method | | | | | |
| | 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 sample information provided by the customer being valid. Results related only to the items tested. Missing fluid or component information limits the evaluation. No warranty is expressed or implied. Measurement uncertainty available upon request.