

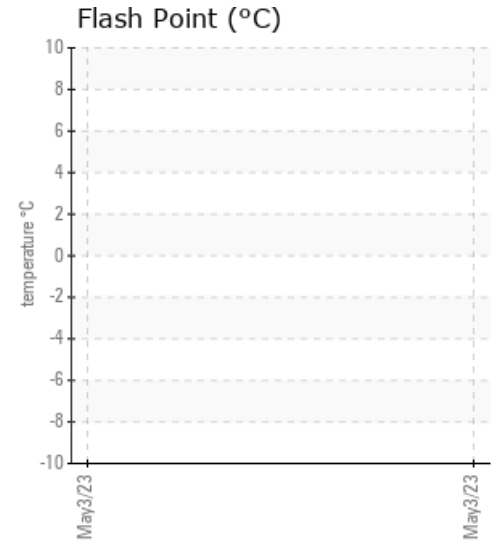
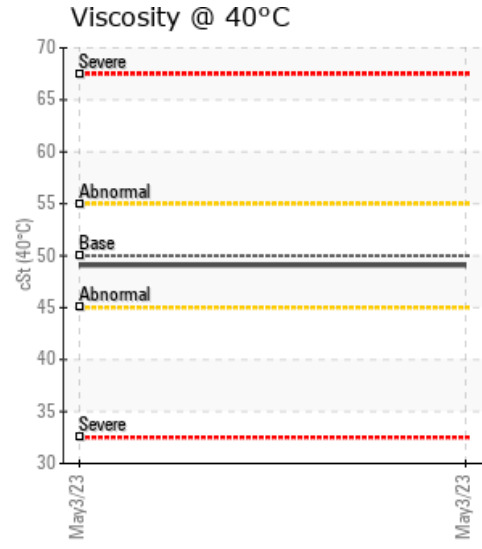
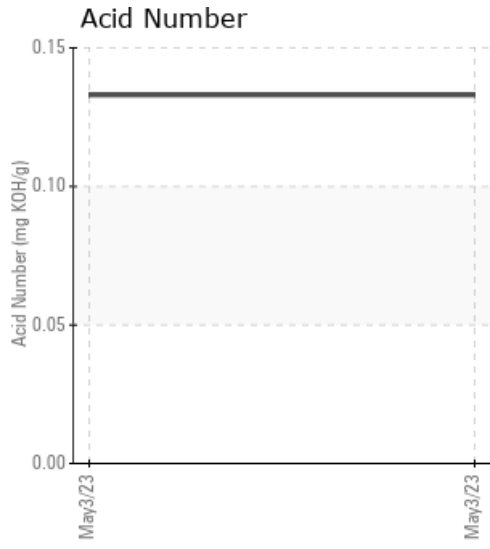
2023-27346

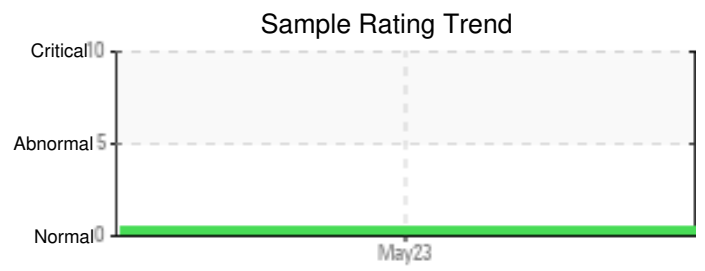
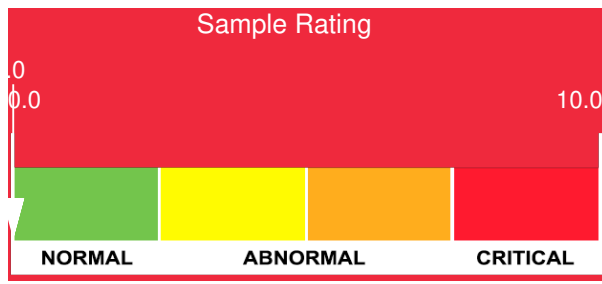
| Customer: | System Information | Sample Information |
|--|---|---|
| TULCO OILS INC (006-NATIONAL DIVISI... 5240 EAST PINE TULSA, OK 74115 US Attn: MIKE HANN Tel: (800)375-2347 E-Mail: | System Volume: 0 gal Bulk Operating Temp: Not Specified Heating Source: Blanket: Fluid: TULCO LUBSOIL® ALPHA-SYN HT 1100 Make: | Lab No: 05837400 Analyst: Doug Bogart Sample Date: 05/03/23 Received Date: 05/04/23 Completed: 05/12/23 Doug Bogart doug@wearcheckusa.com |

Recommendation: This is a baseline read-out on the submitted sample.

Comments: {not applicable} {not applicable} {not applicable}

| Sample Date | Received Date | Fluid Age | Sample Location | Flash Point (COC) | Water (KF) | Viscosity (40°C) | Acid Number | Solids | GCD 10% | GCD 50% | GCD 90% | GCD % < 335°C |
|---------------|---------------|-----------|-----------------|-------------------|------------|------------------|-------------|--------|-----------|-----------|-----------|---------------|
| | mm/dd/yy | | | °F/°C | ppm | cSt | mg/KOH/g | %wt | °F/°C | °F/°C | °F/°C | % |
| 05/03/23 | 05/04/23 | 0.0h | | | | 49.09 | 0.133 | 0.035 | 753 / 401 | 874 / 468 | 976 / 524 | 1.93 |
| Baseline Data | | | | 480 / 249 | | 50 | | | | | | |

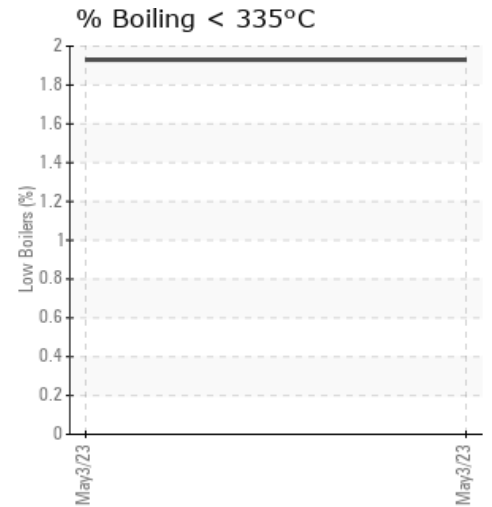
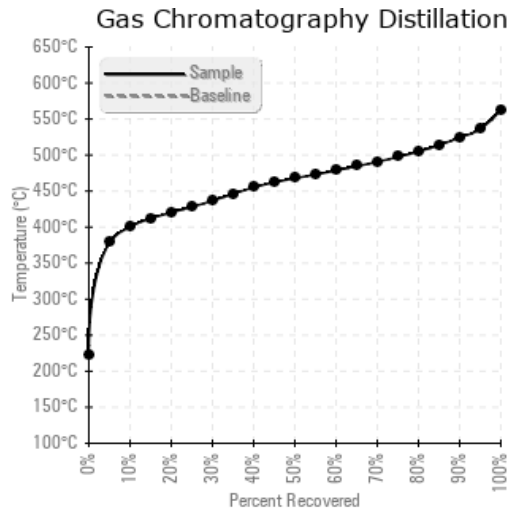




| Sample Date | Iron | Chromium | Nickel | Aluminum | Copper | Lead | Tin | Cadmium | Silver | Vanadium | Silicon | Sodium | Potassium | Titanium | Molybdenum | Antimony | Manganese | Lithium | Boron | Magnesium | Calcium | Barium | Phosphorus | Zinc |
|---------------|------|----------|--------|----------|--------|------|-----|---------|--------|----------|---------|--------|-----------|----------|------------|----------|-----------|---------|-------|-----------|---------|--------|------------|------|
| 05/03/23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | | 0 | 3 | 0 | 0 | 0 | 0 |
| Baseline Data | | | 0 | 0 | | | | | | 0 | | | 0 | 0 | | | | 0 | 0 | | | | 0 | |

Elemental analysis results (above) in parts per million (ppm). [10,000 ppm = 1.0%]

GCD Spectrum



Historical Comments

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