



OIL ANALYSIS REPORT

| | |
|-----------------|---------------|
| WEAR | NORMAL |
| CONTAMINATION | NORMAL |
| FLUID CONDITION | NORMAL |

Area
BOWERMAN - ORANGE COUNTY CA

Machine Id
BOW-282-2

Component
Refrigeration Compressor

Fluid
VILTER 717 COMPRESSOR OIL ISO 68 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | WC0848353 | WC0848209 | WC0848292 |
| Sample Date | | Client Info | | 25 Jun 2024 | 29 Mar 2024 | 09 Jan 2024 |
| Machine Age | hrs | Client Info | | 69650 | 67186 | 65734 |
| Oil Age | hrs | Client Info | | 0 | 0 | 0 |
| Filter Age | hrs | Client Info | | 1400 | 0 | 0 |
| Oil Changed | | Client Info | | Not Changd | N/A | N/A |
| Filter Changed | | Client Info | | Changed | N/A | N/A |
| Sample Status | | | | NORMAL | ABNORMAL | NORMAL |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|-------------|------|--------------|------|------|
| Iron | ppm | ASTM D5185m | >8 | 3 | ▲ 11 | 5 |
| Chromium | ppm | ASTM D5185m | >2 | 0 | <1 | <1 |
| Nickel | ppm | ASTM D5185m | | 0 | <1 | 0 |
| Titanium | ppm | ASTM D5185m | | 0 | <1 | <1 |
| Silver | ppm | ASTM D5185m | >2 | <1 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m | >3 | 0 | 2 | 2 |
| Lead | ppm | ASTM D5185m | >2 | <1 | <1 | 0 |
| Copper | ppm | ASTM D5185m | >8 | 0 | <1 | <1 |
| Tin | ppm | ASTM D5185m | >4 | 0 | <1 | 0 |
| Vanadium | ppm | ASTM D5185m | | <1 | <1 | 0 |
| White Metal | scalar | *Visual | NONE | NONE | NONE | NONE |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |

CONTAMINATION

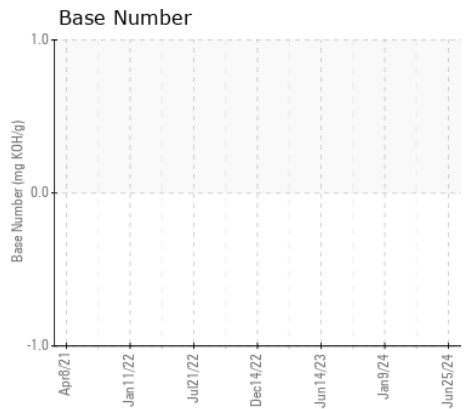
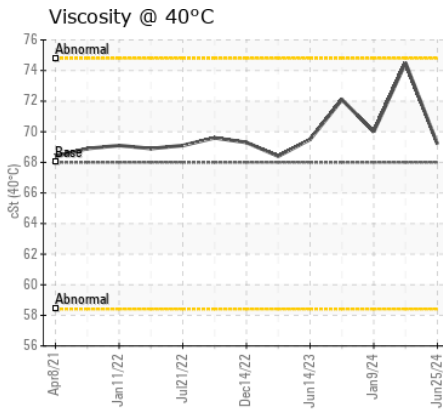
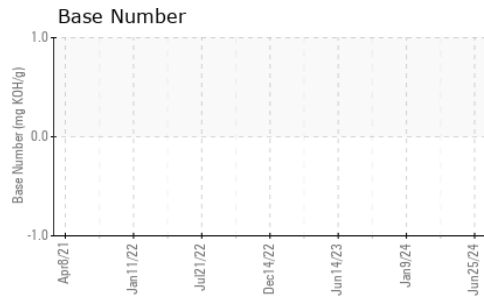
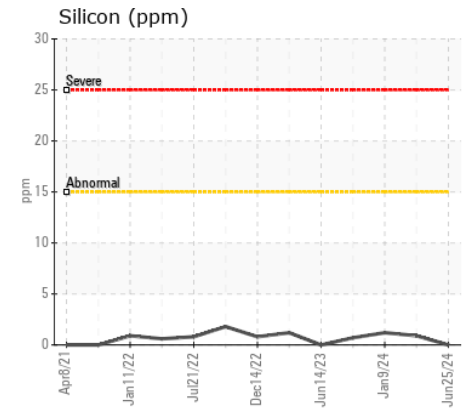
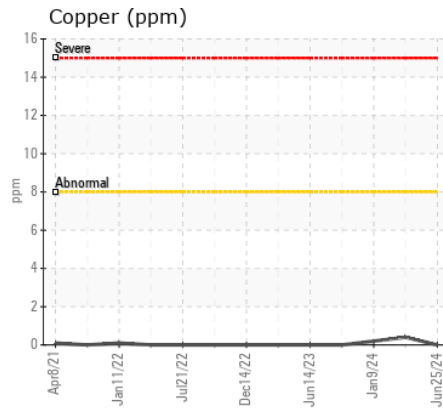
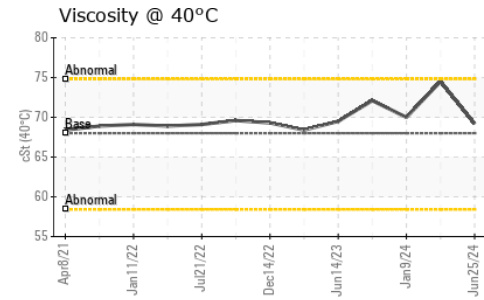
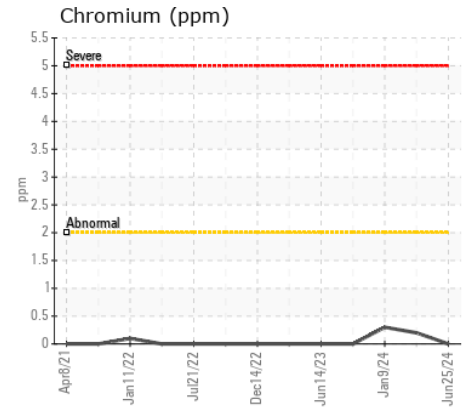
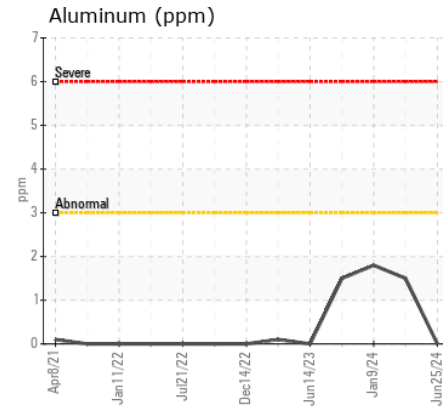
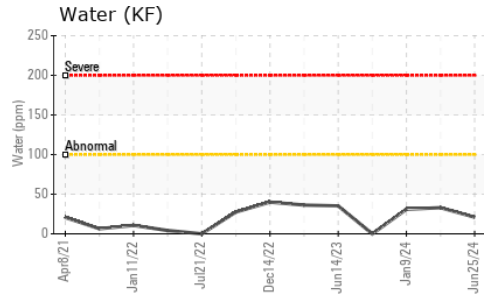
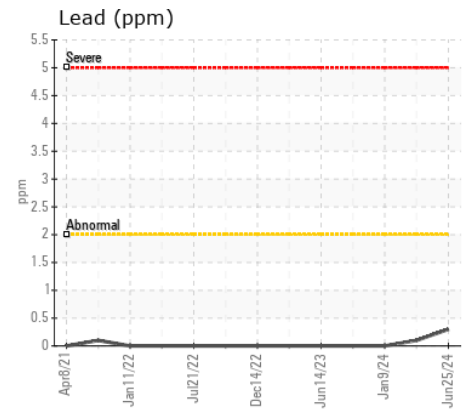
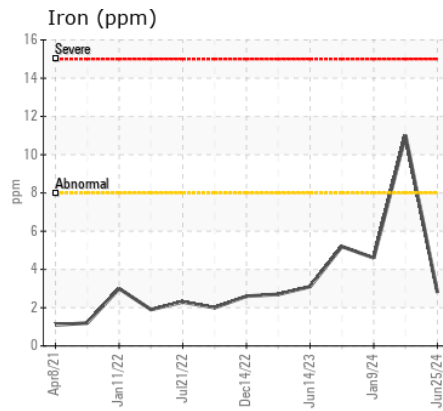
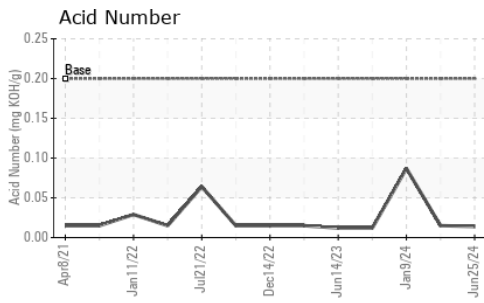
The water content is negligible. There is no indication of any contamination in the oil.

| | | | | | | |
|------------------|--------|-------------|-------|--------------|-------|-------|
| Silicon | ppm | ASTM D5185m | >15 | 0 | <1 | 1 |
| Potassium | ppm | ASTM D5185m | >20 | 0 | <1 | <1 |
| Water | % | ASTM D6304 | >0.01 | 0.002 | 0.003 | 0.003 |
| ppm Water | ppm | ASTM D6304 | >100 | 21 | 33 | 31 |
| Silt | scalar | *Visual | NONE | NONE | NONE | NONE |
| Debris | scalar | *Visual | NONE | NONE | NONE | NONE |
| Sand/Dirt | scalar | *Visual | NONE | NONE | NONE | NONE |
| Appearance | scalar | *Visual | NORML | NORML | NORML | NORML |
| Odor | scalar | *Visual | NORML | NORML | NORML | NORML |
| Emulsified Water | scalar | *Visual | >0.01 | NEG | NEG | NEG |

FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

| | | | | | | |
|------------------|----------|-------------|-----|--------------|-------|-------|
| Sodium | ppm | ASTM D5185m | | 2 | <1 | 0 |
| Boron | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Barium | ppm | ASTM D5185m | 0 | <1 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m | 0 | 0 | <1 | 0 |
| Manganese | ppm | ASTM D5185m | | 0 | <1 | 0 |
| Magnesium | ppm | ASTM D5185m | 0 | 0 | 0 | 0 |
| Calcium | ppm | ASTM D5185m | 0 | 0 | 7 | 0 |
| Phosphorus | ppm | ASTM D5185m | 0 | 0 | 0 | 20 |
| Zinc | ppm | ASTM D5185m | 0 | 1 | 0 | 0 |
| Sulfur | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Acid Number (AN) | mg KOH/g | ASTM D974 | 0.2 | 0.014 | 0.015 | 0.087 |
| Visc @ 40°C | cSt | ASTM D445 | 68 | 69.2 | 74.5 | 70.0 |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0848353
Lab Number : 06222869
Unique Number : 11101066
Test Package : MOB 2 (Additional Tests: KF, TBN)

MONTAUK ENERGY CAPITAL LLC (TEXAS) LP
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To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)