



OIL ANALYSIS REPORT

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

Machine Id
4C-1-D
 Component
Compressor
 Fluid
R&O OIL ISO 100 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

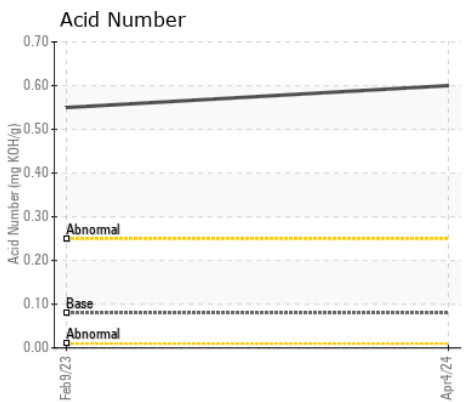
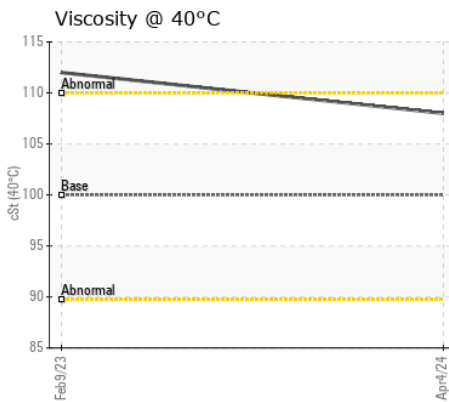
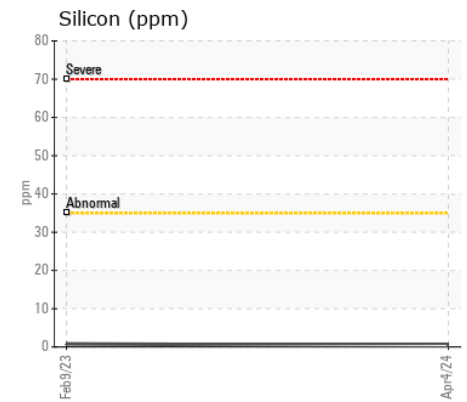
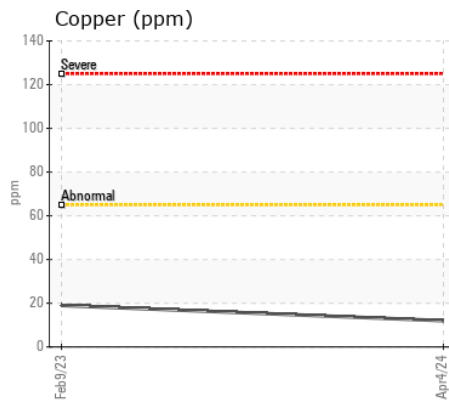
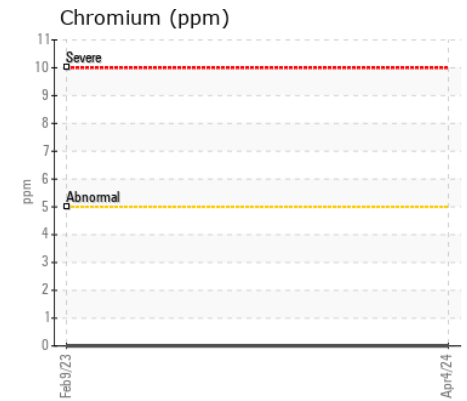
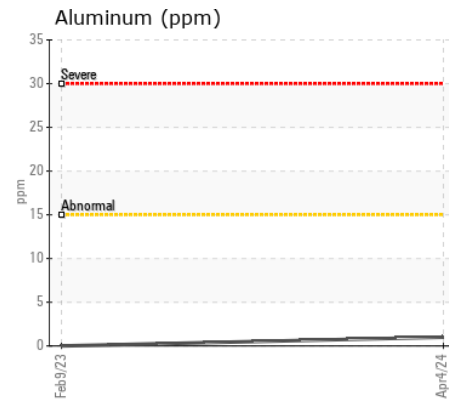
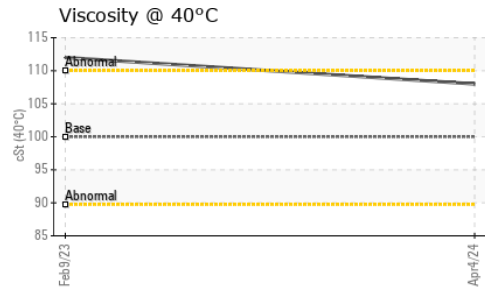
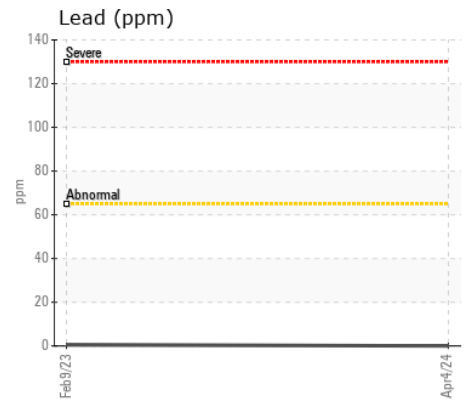
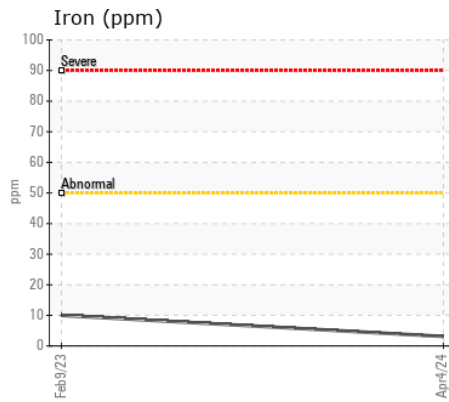
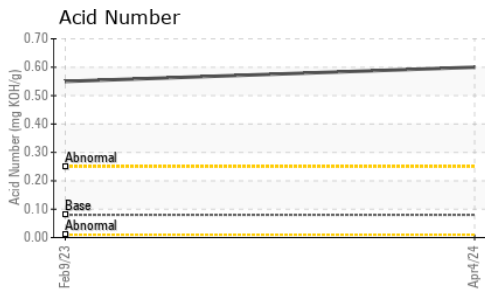
CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

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

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|------------------|----------|-------------|-----------|--------------------|-------------|----------|
| Sample Number | | Client Info | | HPL0004574 | HPL0000301 | --- |
| Sample Date | | Client Info | | 04 Apr 2024 | 09 Feb 2023 | --- |
| Machine Age | hrs | Client Info | | 0 | 0 | --- |
| Oil Age | hrs | Client Info | | 0 | 0 | --- |
| Filter Age | hrs | Client Info | | 0 | 0 | --- |
| Oil Changed | | Client Info | | N/A | N/A | --- |
| Filter Changed | | Client Info | | N/A | N/A | --- |
| Sample Status | | | | NORMAL | NORMAL | --- |
| Iron | ppm | ASTM D5185m | >50 | 3 | 10 | --- |
| Chromium | ppm | ASTM D5185m | >5 | 0 | 0 | --- |
| Nickel | ppm | ASTM D5185m | | <1 | 0 | --- |
| Titanium | ppm | ASTM D5185m | | 0 | 0 | --- |
| Silver | ppm | ASTM D5185m | | 0 | 0 | --- |
| Aluminum | ppm | ASTM D5185m | >15 | 1 | 0 | --- |
| Lead | ppm | ASTM D5185m | >65 | 0 | <1 | --- |
| Copper | ppm | ASTM D5185m | >65 | 12 | 19 | --- |
| Tin | ppm | ASTM D5185m | >10 | 2 | 7 | --- |
| Vanadium | ppm | ASTM D5185m | | 0 | 0 | --- |
| White Metal | scalar | *Visual | NONE | LIGHT | NONE | --- |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | --- |
| Silicon | ppm | ASTM D5185m | >35 | <1 | <1 | --- |
| Potassium | ppm | ASTM D5185m | >20 | 2 | 1 | --- |
| Water | | WC Method | >0.1 | NEG | NEG | --- |
| Silt | scalar | *Visual | NONE | NONE | NONE | --- |
| Debris | scalar | *Visual | NONE | NONE | NONE | --- |
| Sand/Dirt | scalar | *Visual | NONE | NONE | NONE | --- |
| Appearance | scalar | *Visual | NORML | NORML | NORML | --- |
| Odor | scalar | *Visual | NORML | NORML | NORML | --- |
| Emulsified Water | scalar | *Visual | >0.1 | NEG | NEG | --- |
| Sodium | ppm | ASTM D5185m | | 2 | 2 | --- |
| Boron | ppm | ASTM D5185m | 5 | 0 | 0 | --- |
| Barium | ppm | ASTM D5185m | 5 | 0 | 0 | --- |
| Molybdenum | ppm | ASTM D5185m | 5 | 0 | 0 | --- |
| Manganese | ppm | ASTM D5185m | | 1 | <1 | --- |
| Magnesium | ppm | ASTM D5185m | 5 | <1 | <1 | --- |
| Calcium | ppm | ASTM D5185m | 5 | 2 | 1 | --- |
| Phosphorus | ppm | ASTM D5185m | 100 | 198 | 180 | --- |
| Zinc | ppm | ASTM D5185m | 25 | 0 | 7 | --- |
| Sulfur | ppm | ASTM D5185m | 1500 | 19759 | 15104 | --- |
| Acid Number (AN) | mg KOH/g | ASTM D8045 | 0.08 | 0.60 | 0.55 | --- |
| Visc @ 40°C | cSt | ASTM D445 | 100 | 108 | 112 | --- |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : HPL0004574
Lab Number : 06150567
Unique Number : 10980645
Test Package : MOB 2

Received : 16 Apr 2024
Tested : 17 Apr 2024
Diagnosed : 18 Apr 2024 - Jonathan Hester

EAST DUBUQUE NITROGEN PRODUCTS
 16675 HWY 20 WEST
 EAST DUBUQUE, IL
 US 61025
 Contact: ABDUL QAYYUM

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)

T:
 F: (815)747-2175