



OIL ANALYSIS REPORT

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

Machine Id
INGERSOLL RAND JX0425U99216 - HEM SAW
 Component
Compressor

RECOMMENDATION

Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|-------------|-------------|----------|
| Sample Number | | Client Info | | UCH06099263 | UCH05987458 | --- |
| Sample Date | | Client Info | | 16 Feb 2024 | 16 Oct 2023 | --- |
| Machine Age | hrs | Client Info | | 16882 | 16863 | --- |
| Oil Age | hrs | Client Info | | 8000 | 8000 | --- |
| Filter Age | hrs | Client Info | | 8000 | 8000 | --- |
| Oil Changed | | Client Info | | Changed | Changed | --- |
| Filter Changed | | Client Info | | Changed | Changed | --- |
| Sample Status | | | | NORMAL | NORMAL | --- |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|-------------|------|------|------|-----|
| Iron | ppm | ASTM D5185m | >50 | <1 | 0 | --- |
| Chromium | ppm | ASTM D5185m | >10 | <1 | 0 | --- |
| Nickel | ppm | ASTM D5185m | | <1 | <1 | --- |
| Titanium | ppm | ASTM D5185m | | <1 | 0 | --- |
| Silver | ppm | ASTM D5185m | | <1 | 0 | --- |
| Aluminum | ppm | ASTM D5185m | >25 | <1 | 0 | --- |
| Lead | ppm | ASTM D5185m | >25 | <1 | 0 | --- |
| Copper | ppm | ASTM D5185m | >50 | <1 | 0 | --- |
| Tin | ppm | ASTM D5185m | >15 | 1 | 0 | --- |
| Vanadium | ppm | ASTM D5185m | | <1 | 0 | --- |
| White Metal | scalar | *Visual | NONE | NONE | NONE | --- |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | --- |

CONTAMINATION

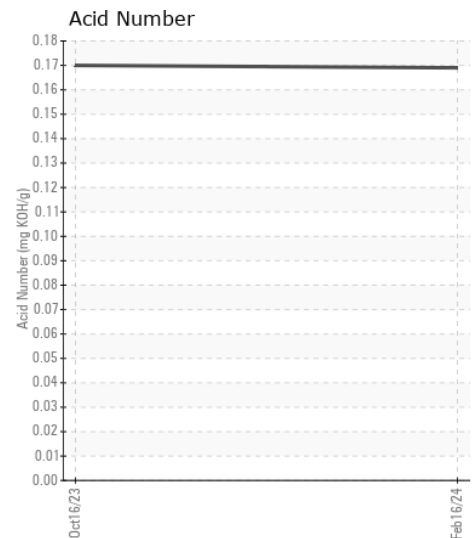
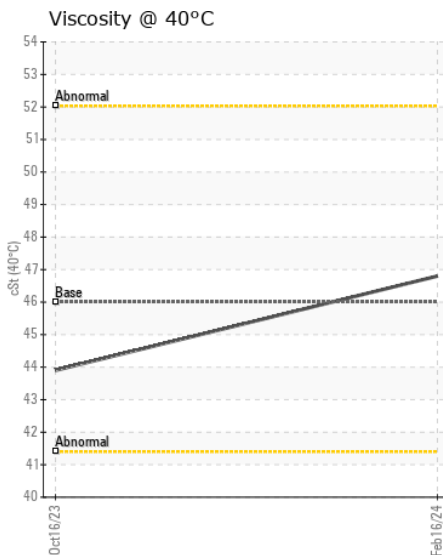
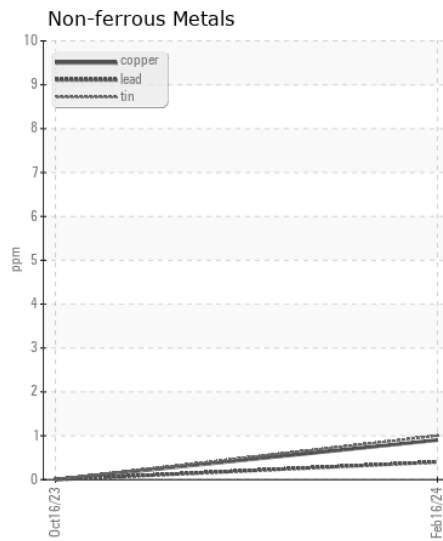
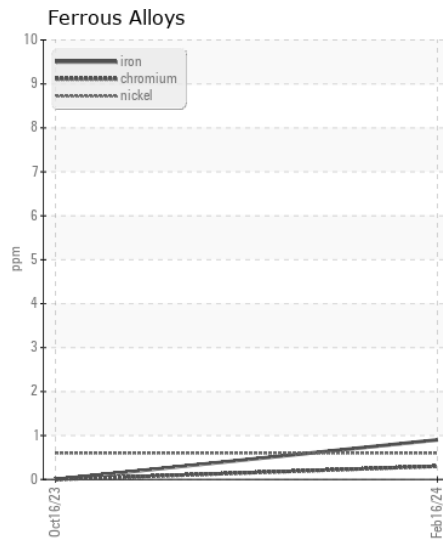
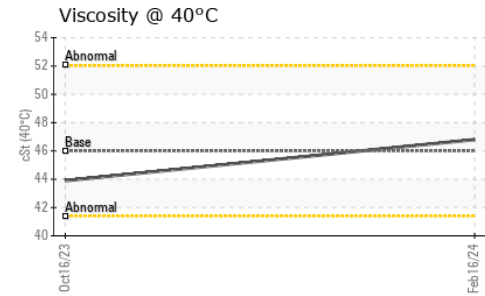
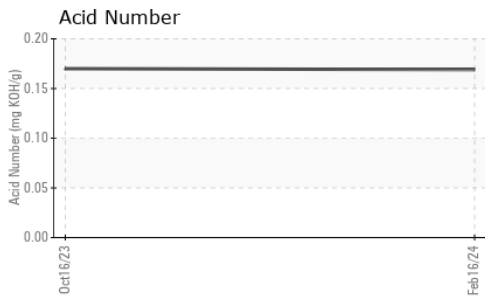
There is no indication of any contamination in the oil.

| | | | | | | |
|------------------|--------|-------------|-------|-------|-------|-----|
| Silicon | ppm | ASTM D5185m | >25 | 3 | 8 | --- |
| Potassium | ppm | ASTM D5185m | >20 | 2 | <1 | --- |
| Water | | WC Method | >0.8 | NEG | NEG | --- |
| Silt | scalar | *Visual | NONE | NONE | NONE | --- |
| Debris | scalar | *Visual | NONE | LIGHT | NONE | --- |
| Sand/Dirt | scalar | *Visual | NONE | NONE | NONE | --- |
| Appearance | scalar | *Visual | NORML | NORML | NORML | --- |
| Odor | scalar | *Visual | NORML | NORML | NORML | --- |
| Emulsified Water | scalar | *Visual | >0.8 | 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 | | 19 | 2 | --- |
| Boron | ppm | ASTM D5185m | 2 | 0 | 0 | --- |
| Barium | ppm | ASTM D5185m | 525 | 453 | 30 | --- |
| Molybdenum | ppm | ASTM D5185m | 10 | <1 | 0 | --- |
| Manganese | ppm | ASTM D5185m | | <1 | 0 | --- |
| Magnesium | ppm | ASTM D5185m | 5 | 2 | 2 | --- |
| Calcium | ppm | ASTM D5185m | 10 | 4 | 2 | --- |
| Phosphorus | ppm | ASTM D5185m | 250 | 62 | 108 | --- |
| Zinc | ppm | ASTM D5185m | 100 | 16 | <1 | --- |
| Sulfur | ppm | ASTM D5185m | 400 | 659 | 225 | --- |
| Acid Number (AN) | mg KOH/g | ASTM D8045 | | 0.169 | 0.17 | --- |
| Visc @ 40°C | cSt | ASTM D445 | 46 | 46.8 | 43.9 | --- |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH06099263
Lab Number : 06099263
Unique Number : 10897493
Test Package : IND 2

Received : 23 Feb 2024
Tested : 26 Feb 2024
Diagnosed : 27 Feb 2024 - Sean Felton

GREEN COUNTY COMPRESSOR SERVICE
 11974 E 530 RD
 CLAREMORE, OK
 US 74019
 Contact: ASHLEY PIGUET
 ashley@gccs.us.com
 T: (918)906-6343
 F:

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)