



OIL ANALYSIS REPORT

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

Area

NOT GIVEN

Machine Id

INGERSOLL RAND KE6336U98285 - NALCO 3

Component

Compressor

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

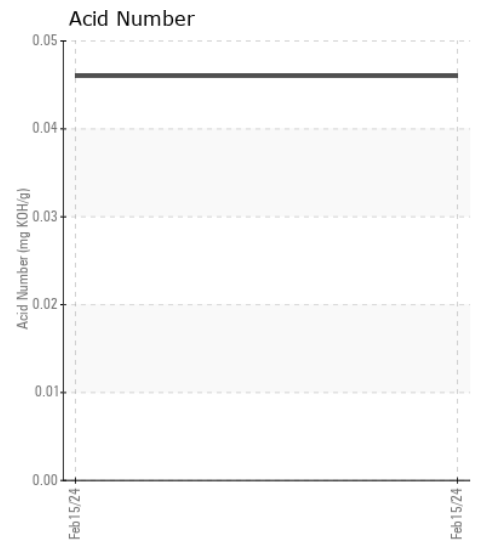
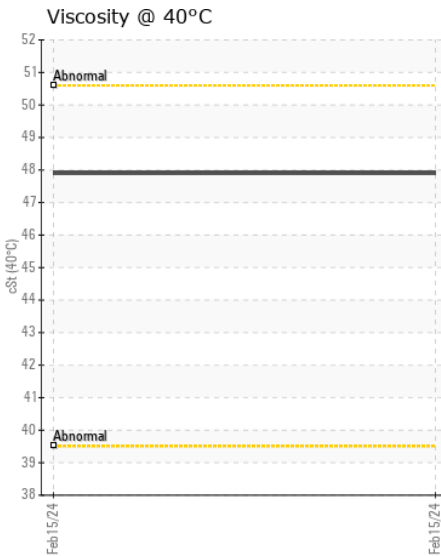
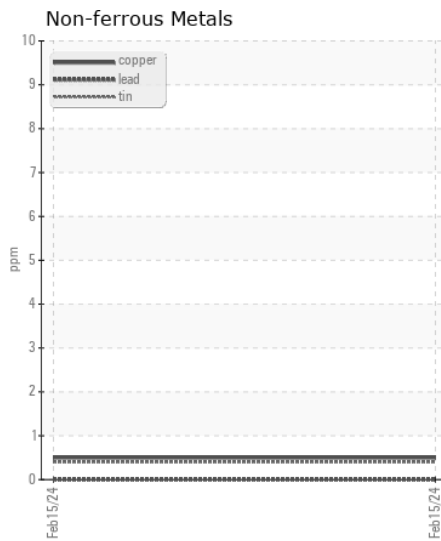
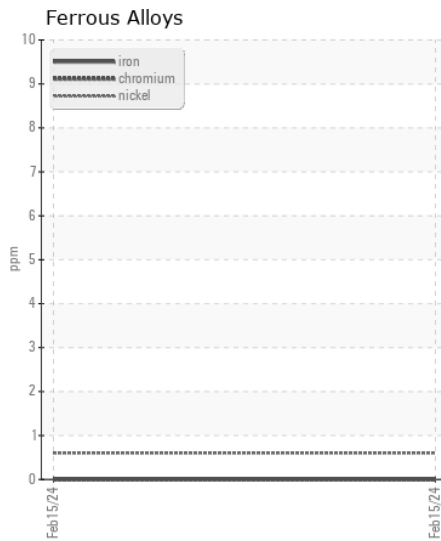
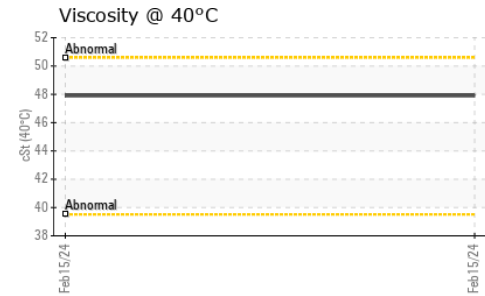
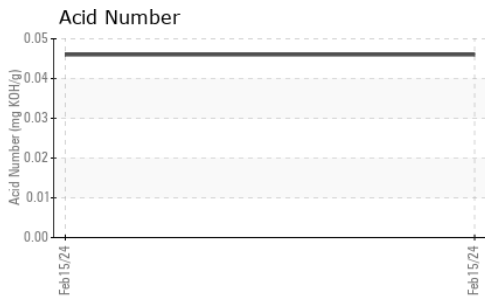
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|---------------|----------|----------|
| Sample Number | | Client Info | | UCH06098512 | --- | --- |
| Sample Date | | Client Info | | 15 Feb 2024 | --- | --- |
| Machine Age | hrs | Client Info | | 583 | --- | --- |
| Oil Age | hrs | Client Info | | 8000 | --- | --- |
| Filter Age | hrs | Client Info | | 8000 | --- | --- |
| Oil Changed | | Client Info | | Changed | --- | --- |
| Filter Changed | | Client Info | | Changed | --- | --- |
| Sample Status | | | | NORMAL | --- | --- |

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

| | | | | | | |
|------------------|--------|-------------|-------|-------|-----|-----|
| Silicon | ppm | ASTM D5185m | >25 | 8 | --- | --- |
| Potassium | ppm | ASTM D5185m | >20 | <1 | --- | --- |
| Water | | WC Method | >0.1 | NEG | --- | --- |
| Silt | scalar | *Visual | NONE | NONE | --- | --- |
| Debris | scalar | *Visual | NONE | NONE | --- | --- |
| Sand/Dirt | scalar | *Visual | NONE | NONE | --- | --- |
| Appearance | scalar | *Visual | NORML | NORML | --- | --- |
| Odor | scalar | *Visual | NORML | NORML | --- | --- |
| Emulsified Water | scalar | *Visual | >0.1 | NEG | --- | --- |

| | | | | | | |
|------------------|----------|-------------|--|-------|-----|-----|
| Sodium | ppm | ASTM D5185m | | <1 | --- | --- |
| Boron | ppm | ASTM D5185m | | 0 | --- | --- |
| Barium | ppm | ASTM D5185m | | 3 | --- | --- |
| Molybdenum | ppm | ASTM D5185m | | 0 | --- | --- |
| Manganese | ppm | ASTM D5185m | | <1 | --- | --- |
| Magnesium | ppm | ASTM D5185m | | 1 | --- | --- |
| Calcium | ppm | ASTM D5185m | | 2 | --- | --- |
| Phosphorus | ppm | ASTM D5185m | | 931 | --- | --- |
| Zinc | ppm | ASTM D5185m | | 19 | --- | --- |
| Sulfur | ppm | ASTM D5185m | | 289 | --- | --- |
| Acid Number (AN) | mg KOH/g | ASTM D8045 | | 0.046 | --- | --- |
| Visc @ 40°C | cSt | ASTM D445 | | 47.9 | --- | --- |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH06098512
Lab Number : 06098512
Unique Number : 10896742
Test Package : IND 2

Received : 23 Feb 2024
Tested : 26 Feb 2024
Diagnosed : 26 Feb 2024 - Don Baldrige

GREEN COUNTY COMPRESSOR SERVICE
 11974 E 530 RD
 CLAREMORE, OK
 US 74019

Contact: ASHLEY PIGUET
 ashley@gccs.us.com
 T: (918)906-6343

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)

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