



OIL ANALYSIS REPORT

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

Area
OMNILUBE 32/46 [1392185]
 Machine Id
SULLAIR COMPRESSOR 1 - MAIN STREET MUFFINS (S/N 003-139704)
 Component
Compressor

RECOMMENDATION

Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

WEAR

All component wear rates are normal.

CONTAMINATION

There is a light concentration of water present in the oil. Free water present.

FLUID CONDITION

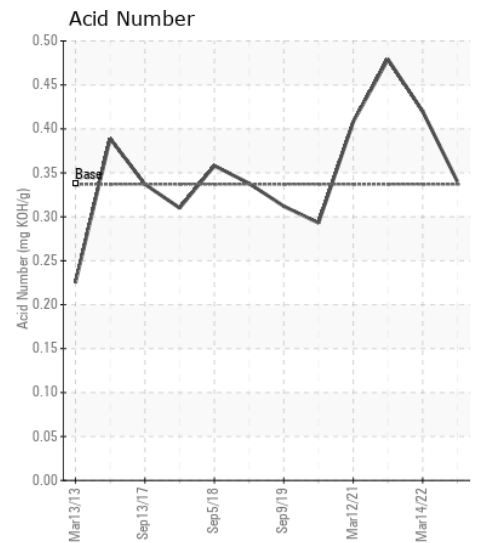
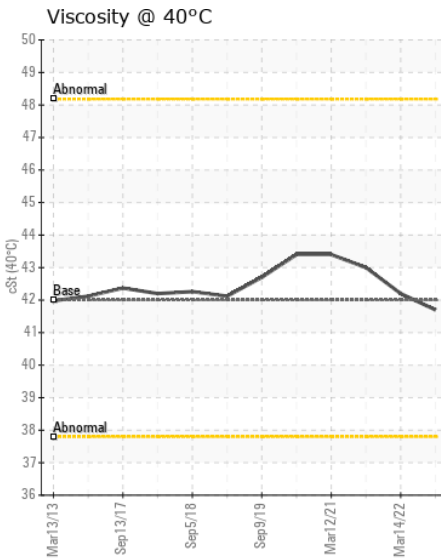
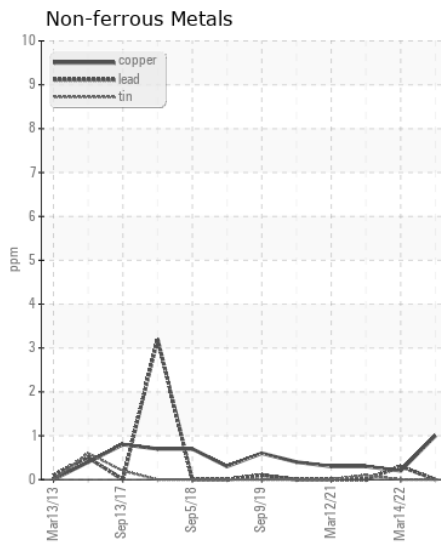
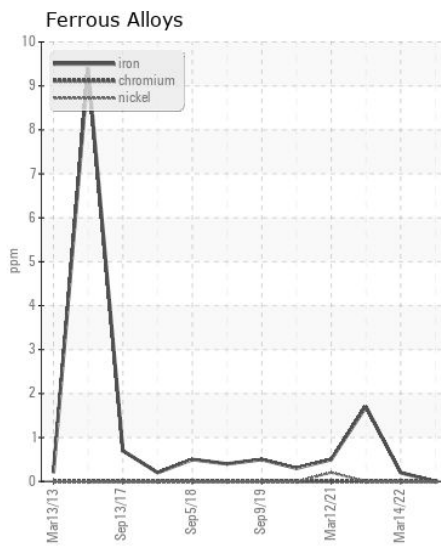
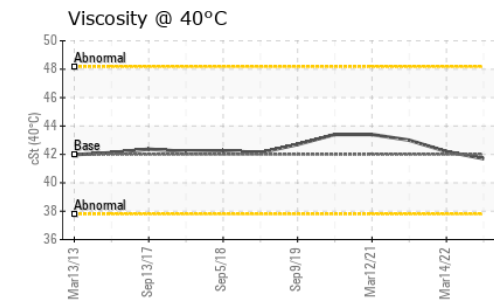
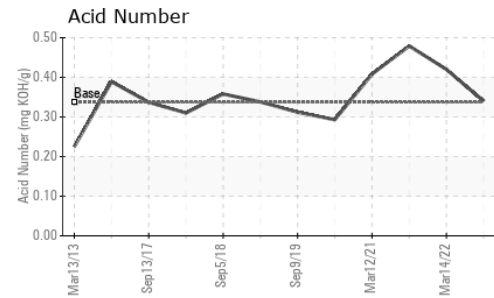
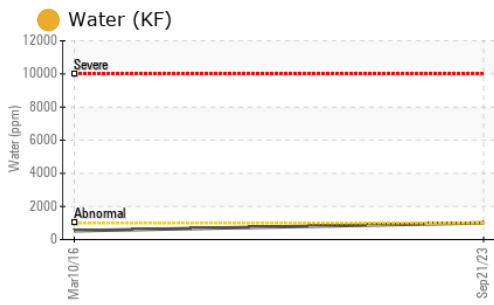
The AN level is acceptable for this fluid.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|-------------|-------------|-------------|
| Sample Number | | Client Info | | UCH05962281 | UCH05500028 | UCH05392035 |
| Sample Date | | Client Info | | 21 Sep 2023 | 14 Mar 2022 | 23 Sep 2021 |
| Machine Age | hrs | Client Info | | 51540 | 39860 | 35742 |
| Oil Age | hrs | Client Info | | 3927 | 4118 | 4682 |
| Filter Age | hrs | Client Info | | 3927 | 4118 | 4682 |
| Oil Changed | | Client Info | | Changed | Changed | Changed |
| Filter Changed | | Client Info | | Changed | Changed | Changed |
| Sample Status | | | | ATTENTION | NORMAL | NORMAL |

| | | | | | | |
|--------------|--------|-------------|------|------|------|------|
| Iron | ppm | ASTM D5185m | >50 | 0 | <1 | 2 |
| Chromium | ppm | ASTM D5185m | >10 | 0 | 0 | 0 |
| Nickel | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Titanium | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Silver | ppm | ASTM D5185m | | 0 | <1 | 0 |
| Aluminum | ppm | ASTM D5185m | >25 | 0 | <1 | 0 |
| Lead | ppm | ASTM D5185m | >25 | 0 | <1 | 0 |
| Copper | ppm | ASTM D5185m | >50 | 1 | <1 | <1 |
| Tin | ppm | ASTM D5185m | >15 | 0 | 0 | <1 |
| Vanadium | ppm | ASTM D5185m | | 0 | 0 | 0 |
| White Metal | scalar | *Visual | NONE | NONE | NONE | NONE |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |

| | | | | | | |
|------------------|--------|-------------|-------|-------|-------|-------|
| Silicon | ppm | ASTM D5185m | >25 | 4 | 0 | <1 |
| Potassium | ppm | ASTM D5185m | >20 | 0 | <1 | 1 |
| Water | % | ASTM D6304 | >0.1 | 0.101 | --- | --- |
| ppm Water | ppm | ASTM D6304 | >1000 | 1010 | --- | --- |
| Silt | scalar | *Visual | NONE | NONE | NONE | NONE |
| Debris | scalar | *Visual | NONE | LIGHT | VLITE | LIGHT |
| 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 | >0.1 | 0.2% | NEG | NEG |

| | | | | | | |
|------------------|----------|-------------|-------|------|------|-------|
| Sodium | ppm | ASTM D5185m | | 8 | 10 | 22 |
| Boron | ppm | ASTM D5185m | 1 | 0 | 2 | <1 |
| Barium | ppm | ASTM D5185m | 0.3 | 0 | 0 | <1 |
| Molybdenum | ppm | ASTM D5185m | 0 | 0 | 0 | 0 |
| Manganese | ppm | ASTM D5185m | 0 | <1 | <1 | <1 |
| Magnesium | ppm | ASTM D5185m | 0 | 0 | 0 | 0 |
| Calcium | ppm | ASTM D5185m | 0.5 | 4 | 4 | 16 |
| Phosphorus | ppm | ASTM D5185m | 536 | 305 | 432 | 328 |
| Zinc | ppm | ASTM D5185m | 0.2 | 36 | 90 | 231 |
| Sulfur | ppm | ASTM D5185m | 649 | 401 | 458 | 460 |
| Acid Number (AN) | mg KOH/g | ASTM D8045 | 0.337 | 0.34 | 0.42 | 0.479 |
| Visc @ 40°C | cSt | ASTM D445 | 42.0 | 41.7 | 42.2 | 43.0 |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH05962281 **Received** : 27 Sep 2023
Lab Number : 05962281 **Tested** : 28 Sep 2023
Unique Number : 10668832 **Diagnosed** : 28 Sep 2023 - Don Baldrige
Test Package : IND 2 (Additional Tests: KF)

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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)