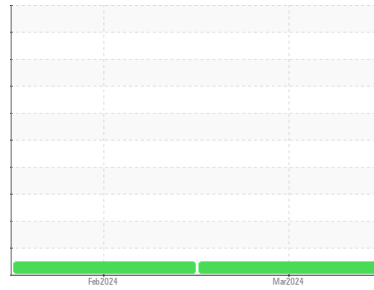


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area

MOBIL SHC 46

Machine Id

SULLAIR 003-86364 - ANHEISER BUSCH

Component

Compressor

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a high amount of visible silt present in the sample.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

| SAMPLE INFORMATION | | method | limit/base | current | history1 | history2 |
|--------------------|-------------|-------------|------------|--------------------|-------------|----------|
| Sample Number | Client Info | | | UCS06144417 | UCS06107496 | --- |
| Sample Date | Client Info | | | 29 Mar 2024 | 16 Feb 2024 | --- |
| Machine Age | hrs | Client Info | | 106229 | 6227 | --- |
| Oil Age | hrs | Client Info | | 0 | 4000 | --- |
| Oil Changed | Client Info | | | Not Changed | Changed | --- |
| Sample Status | | | | NORMAL | NORMAL | --- |

| CONTAMINATION | | method | limit/base | current | history1 | history2 |
|---------------|-----------|--------|------------|------------|----------|----------|
| Water | WC Method | | >0.1 | NEG | NEG | --- |

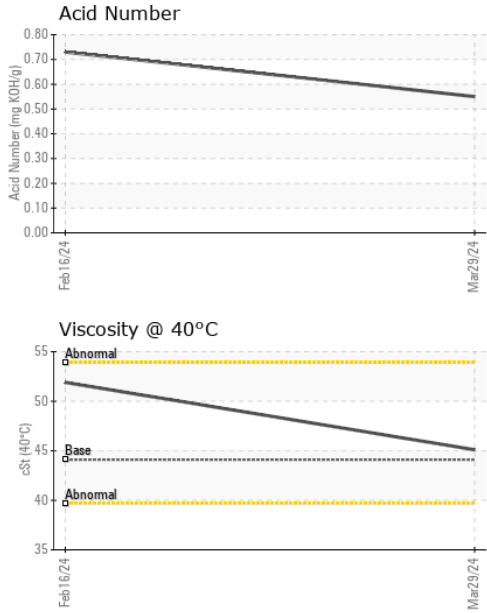
| WEAR METALS | | method | limit/base | current | history1 | history2 |
|-------------|-----|-------------|------------|--------------|----------|----------|
| Iron | ppm | ASTM D5185m | >50 | 2 | 0 | --- |
| Chromium | ppm | ASTM D5185m | >10 | <1 | 0 | --- |
| Nickel | ppm | ASTM D5185m | | 1 | <1 | --- |
| Titanium | ppm | ASTM D5185m | | <1 | 0 | --- |
| Silver | ppm | ASTM D5185m | | 0 | 0 | --- |
| Aluminum | ppm | ASTM D5185m | >25 | 6 | <1 | --- |
| Lead | ppm | ASTM D5185m | >25 | 3 | 0 | --- |
| Copper | ppm | ASTM D5185m | >50 | 2 | 2 | --- |
| Tin | ppm | ASTM D5185m | >15 | 1 | 0 | --- |
| Vanadium | ppm | ASTM D5185m | | 1 | 0 | --- |
| Cadmium | ppm | ASTM D5185m | | <1 | 0 | --- |

| ADDITIVES | | method | limit/base | current | history1 | history2 |
|------------|-----|-------------|------------|--------------|----------|----------|
| Boron | ppm | ASTM D5185m | | 0 | 0 | --- |
| Barium | ppm | ASTM D5185m | | <1 | <1 | --- |
| Molybdenum | ppm | ASTM D5185m | | <1 | 0 | --- |
| Manganese | ppm | ASTM D5185m | | <1 | <1 | --- |
| Magnesium | ppm | ASTM D5185m | | <1 | <1 | --- |
| Calcium | ppm | ASTM D5185m | | 5 | 0 | --- |
| Phosphorus | ppm | ASTM D5185m | | 116 | 103 | --- |
| Zinc | ppm | ASTM D5185m | | 10 | 0 | --- |
| Sulfur | ppm | ASTM D5185m | | 86 | 177 | --- |

| CONTAMINANTS | | method | limit/base | current | history1 | history2 |
|--------------|-----|-------------|------------|-----------|----------|----------|
| Silicon | ppm | ASTM D5185m | >25 | 2 | 0 | --- |
| Sodium | ppm | ASTM D5185m | | 11 | <1 | --- |
| Potassium | ppm | ASTM D5185m | >20 | 3 | 0 | --- |

| FLUID DEGRADATION | | method | limit/base | current | history1 | history2 |
|-------------------|----------|------------|------------|-------------|----------|----------|
| Acid Number (AN) | mg KOH/g | ASTM D8045 | | 0.55 | 0.73 | --- |

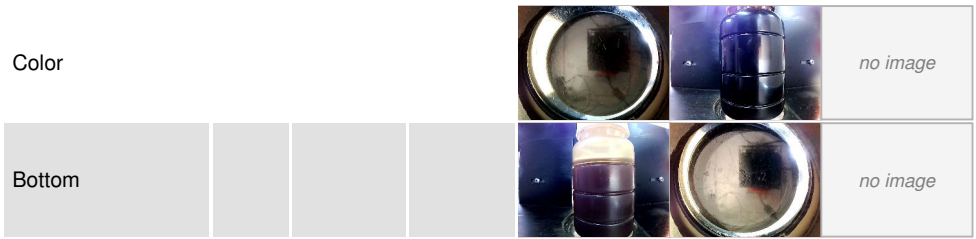
OIL ANALYSIS REPORT



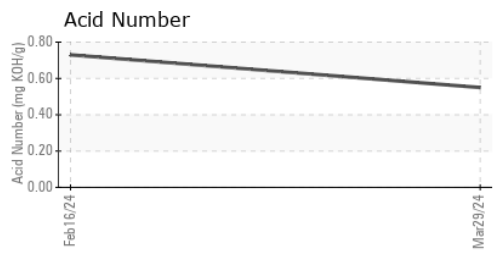
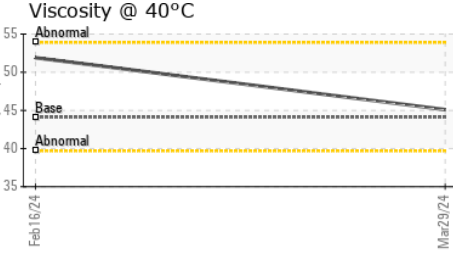
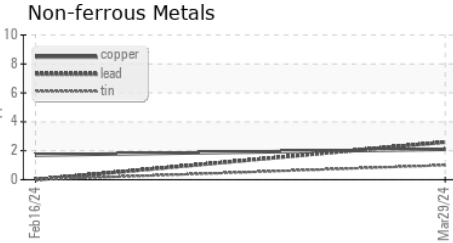
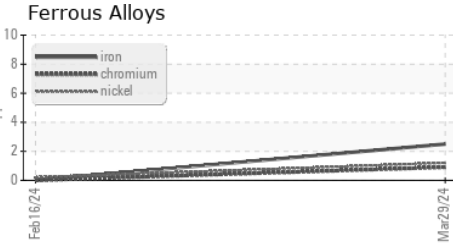
| VISUAL | method | limit/base | current | history1 | history2 |
|------------------|--------|------------|---------|--------------|----------|
| White Metal | scalar | *Visual | NONE | NONE | NONE |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE |
| Precipitate | scalar | *Visual | NONE | NONE | NONE |
| Silt | scalar | *Visual | NONE | HEAVY | 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 | 0.2% |
| Free Water | scalar | *Visual | | NEG | NEG |

| FLUID PROPERTIES | method | limit/base | current | history1 | history2 |
|------------------|--------|------------|---------|-------------|----------|
| Visc @ 40°C | cSt | ASTM D445 | 44.1 | 45.1 | 51.9 |

SAMPLE IMAGES



GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCS06144417 **Received** : 10 Apr 2024
Lab Number : **06144417** **Tested** : 11 Apr 2024
Unique Number : 10969225 **Diagnosed** : 12 Apr 2024 - Angela Borella
Test Package : IND 2

JEMCO-MAXAIR
 WEST FARGO, ND
 US 58078
 Contact: DALE K
 dalek@jemco-maxair.com
 T: (701)281-0362
 F: x:

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)