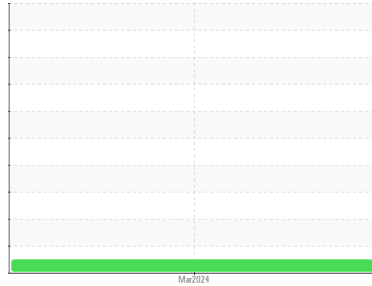


OIL ANALYSIS REPORT

Area
GA-FG
 Machine Id
ATLAS COPCO CAI494918
 Component
Compressor

Sample Rating Trend



DIAGNOSIS

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.

SAMPLE INFORMATION method limit/base current history1 history2

| | | | | |
|---------------|-----------------|--------------------|-----|-----|
| Sample Number | Client Info | UCH06125769 | --- | --- |
| Sample Date | Client Info | 21 Mar 2024 | --- | --- |
| Machine Age | hrs Client Info | 17284 | --- | --- |
| Oil Age | hrs Client Info | 500 | --- | --- |
| Oil Changed | Client Info | N/A | --- | --- |
| Sample Status | | NORMAL | --- | --- |

WEAR METALS method limit/base current history1 history2

| | | | | | | |
|----------|-----|-------------|-----|----------|-----|-----|
| Iron | ppm | ASTM D5185m | >50 | 0 | --- | --- |
| Chromium | ppm | ASTM D5185m | >5 | 0 | --- | --- |
| Nickel | ppm | ASTM D5185m | | 0 | --- | --- |
| Titanium | ppm | ASTM D5185m | | 0 | --- | --- |
| Silver | ppm | ASTM D5185m | | 0 | --- | --- |
| Aluminum | ppm | ASTM D5185m | >15 | 0 | --- | --- |
| Lead | ppm | ASTM D5185m | >65 | 0 | --- | --- |
| Copper | ppm | ASTM D5185m | >65 | 3 | --- | --- |
| Tin | ppm | ASTM D5185m | >10 | 0 | --- | --- |
| Vanadium | ppm | ASTM D5185m | | 0 | --- | --- |
| Cadmium | ppm | ASTM D5185m | | 0 | --- | --- |

ADDITIVES method limit/base current history1 history2

| | | | | | | |
|------------|-----|-------------|--|-------------|-----|-----|
| Boron | ppm | ASTM D5185m | | 0 | --- | --- |
| Barium | ppm | ASTM D5185m | | 0 | --- | --- |
| Molybdenum | ppm | ASTM D5185m | | 0 | --- | --- |
| Manganese | ppm | ASTM D5185m | | 0 | --- | --- |
| Magnesium | ppm | ASTM D5185m | | 0 | --- | --- |
| Calcium | ppm | ASTM D5185m | | 0 | --- | --- |
| Phosphorus | ppm | ASTM D5185m | | 418 | --- | --- |
| Zinc | ppm | ASTM D5185m | | 43 | --- | --- |
| Sulfur | ppm | ASTM D5185m | | 1321 | --- | --- |

CONTAMINANTS method limit/base current history1 history2

| | | | | | | |
|-----------|-----|-------------|------|--------------|-----|-----|
| Silicon | ppm | ASTM D5185m | >35 | <1 | --- | --- |
| Sodium | ppm | ASTM D5185m | | <1 | --- | --- |
| Potassium | ppm | ASTM D5185m | >20 | 0 | --- | --- |
| Water | % | ASTM D6304 | >0.1 | NEG | --- | --- |

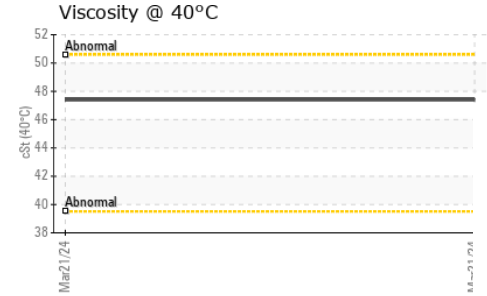
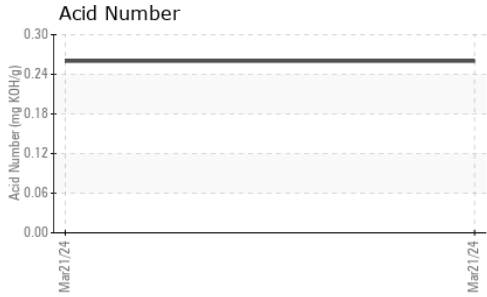
FLUID DEGRADATION method limit/base current history1 history2

| | | | | | | |
|------------------|----------|------------|--|-------------|-----|-----|
| Acid Number (AN) | mg KOH/g | ASTM D8045 | | 0.26 | --- | --- |
|------------------|----------|------------|--|-------------|-----|-----|

VISUAL method limit/base current history1 history2

| | | | | | | |
|------------------|--------|---------|-------|--------------|-----|-----|
| White Metal | scalar | *Visual | NONE | NONE | --- | --- |
| Yellow Metal | scalar | *Visual | NONE | NONE | --- | --- |
| Precipitate | scalar | *Visual | NONE | NONE | --- | --- |
| Silt | scalar | *Visual | NONE | NONE | --- | --- |
| Debris | scalar | *Visual | NONE | LIGHT | --- | --- |
| Sand/Dirt | scalar | *Visual | NONE | NONE | --- | --- |
| Appearance | scalar | *Visual | NORML | NORML | --- | --- |
| Odor | scalar | *Visual | NORML | NORML | --- | --- |
| Emulsified Water | scalar | *Visual | >0.1 | NEG | --- | --- |
| Free Water | scalar | *Visual | | NEG | --- | --- |

OIL ANALYSIS REPORT

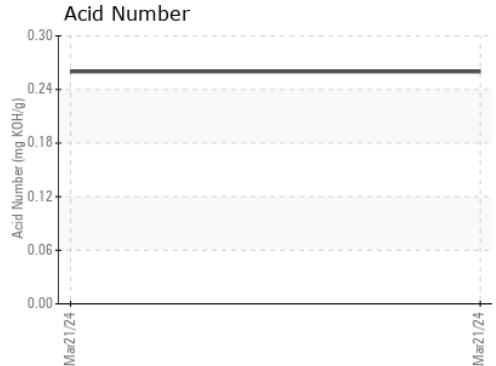
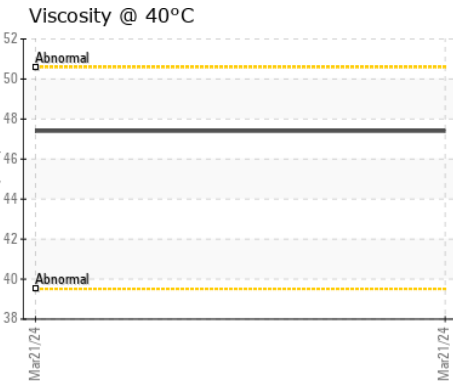
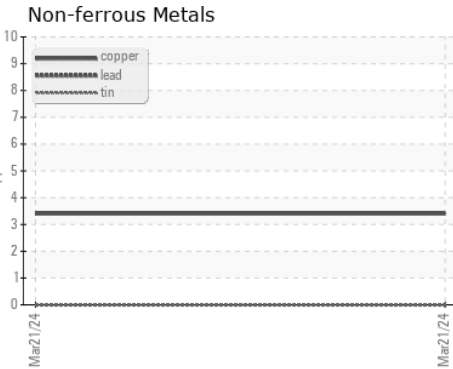
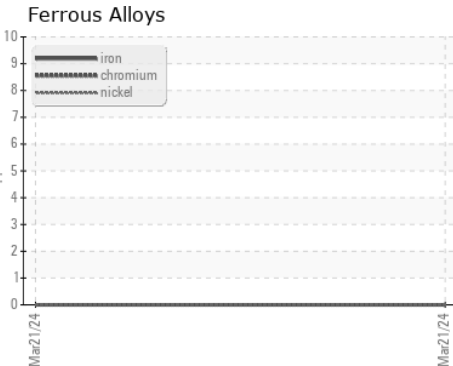


| FLUID PROPERTIES | method | limit/base | current | history1 | history2 |
|------------------|--------|------------|-------------|----------|----------|
| Visc @ 40°C | cSt | ASTM D445 | 47.4 | --- | --- |

| SAMPLE IMAGES | method | limit/base | current | history1 | history2 |
|---------------|--------|------------|---------|----------|----------|
|---------------|--------|------------|---------|----------|----------|

| | | | |
|--------|--|----------|----------|
| Color | | no image | no image |
| Bottom | | no image | no image |

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH06125769 **Received** : 21 Mar 2024
Lab Number : 06125769 **Tested** : 26 Mar 2024
Unique Number : 10939920 **Diagnosed** : 26 Mar 2024 - Jonathan Hester
Test Package : IND 2 (Additional Tests: KF, PrtCount)

AIRMATIC COMPRESSOR SYSTEMS
 700 WASHINGTON AVE
 CARLSTADT, NJ
 US 07072
 Contact: ELVIN DIAZ
 ediaz@airmaticcompressor.com; canastasio@wearcheckusa.com
 T: (800)864-7621
 F: (201)342-6241

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)