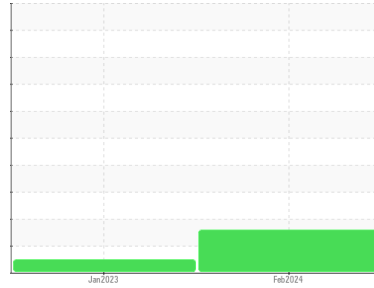




OIL ANALYSIS REPORT

Sample Rating Trend



WATER



Machine Id
KYSER MARKETPLACE SHOPPING CENTRE RACK A/C (S/N 0907000376)
 Component
Refrigeration Compressor
 Fluid
POE (--- GAL)

DIAGNOSIS

▲ Recommendation

No corrective action is recommended at this time. We recommend an early resample to monitor this condition.

Wear

All component wear rates are normal.

▲ Contamination

There is a trace of moisture present 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 | | WC0763580 | WC0763570 | --- |
| Sample Date | Client Info | | 06 Feb 2024 | 30 Jan 2023 | --- |
| Machine Age | hrs | Client Info | 0 | 0 | --- |
| Oil Age | hrs | Client Info | 0 | 0 | --- |
| Oil Changed | Client Info | | N/A | Not Changd | --- |
| Sample Status | | | MARGINAL | NORMAL | --- |

WEAR METALS

| | method | limit/base | current | history1 | history2 |
|----------|--------|----------------|--------------|----------|----------|
| Iron | ppm | ASTM D5185m >8 | <1 | <1 | --- |
| Chromium | ppm | ASTM D5185m >2 | 0 | 0 | --- |
| Nickel | ppm | ASTM D5185m | 0 | 0 | --- |
| Titanium | ppm | ASTM D5185m | 0 | 0 | --- |
| Silver | ppm | ASTM D5185m >2 | 0 | 0 | --- |
| Aluminum | ppm | ASTM D5185m >3 | <1 | 0 | --- |
| Lead | ppm | ASTM D5185m >2 | 2 | <1 | --- |
| Copper | ppm | ASTM D5185m >8 | 5 | 3 | --- |
| Tin | ppm | ASTM D5185m >4 | <1 | <1 | --- |
| Vanadium | ppm | ASTM D5185m | 0 | 0 | --- |
| Cadmium | ppm | ASTM D5185m | 0 | 0 | --- |

ADDITIVES

| | method | limit/base | current | history1 | history2 |
|------------|--------|-------------|--------------|----------|----------|
| Boron | ppm | ASTM D5185m | 0 | 0 | --- |
| Barium | ppm | ASTM D5185m | 0 | <1 | --- |
| Molybdenum | ppm | ASTM D5185m | 0 | 0 | --- |
| Manganese | ppm | ASTM D5185m | <1 | 0 | --- |
| Magnesium | ppm | ASTM D5185m | 0 | <1 | --- |
| Calcium | ppm | ASTM D5185m | 0 | 0 | --- |
| Phosphorus | ppm | ASTM D5185m | 1 | 3 | --- |
| Zinc | ppm | ASTM D5185m | 0 | <1 | --- |
| Sulfur | ppm | ASTM D5185m | 0 | 0 | --- |

CONTAMINANTS

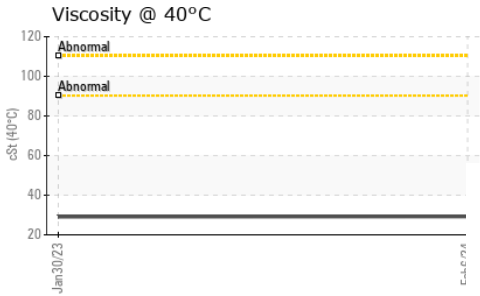
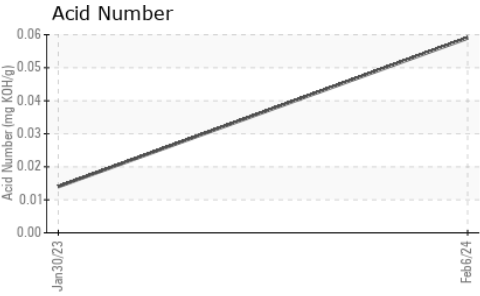
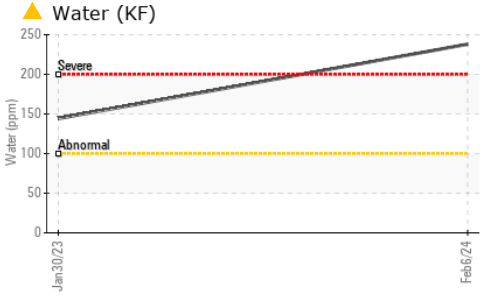
| | method | limit/base | current | history1 | history2 |
|-----------|--------|------------------|----------------|----------|----------|
| Silicon | ppm | ASTM D5185m >15 | 1 | 2 | --- |
| Sodium | ppm | ASTM D5185m | 0 | 0 | --- |
| Potassium | ppm | ASTM D5185m >20 | 1 | <1 | --- |
| Water | % | ASTM D6304 >0.01 | ▲ 0.023 | 0.014 | --- |
| ppm Water | ppm | ASTM D6304 >100 | ▲ 238 | 144.2 | --- |

FLUID DEGRADATION

| | method | limit/base | current | history1 | history2 |
|------------------|----------|------------|--------------|----------|----------|
| Acid Number (AN) | mg KOH/g | ASTM D974 | 0.059 | 0.014 | --- |



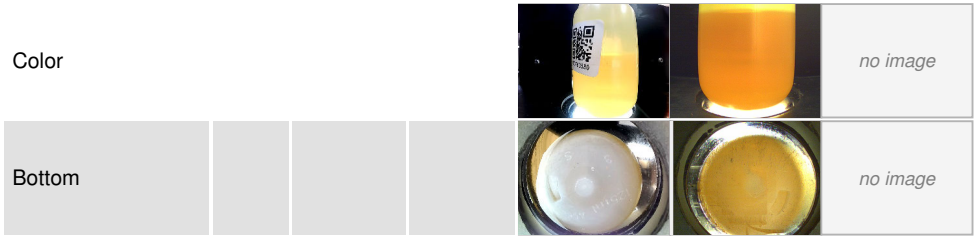
OIL ANALYSIS REPORT



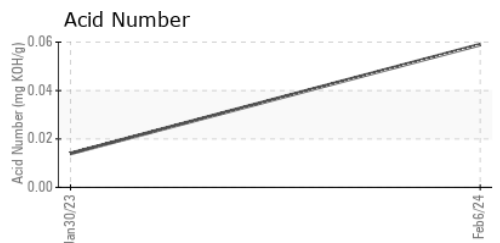
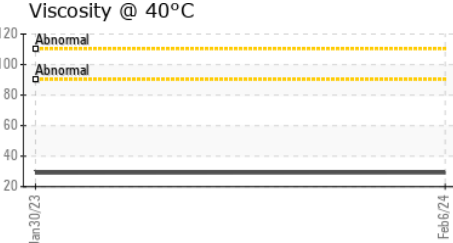
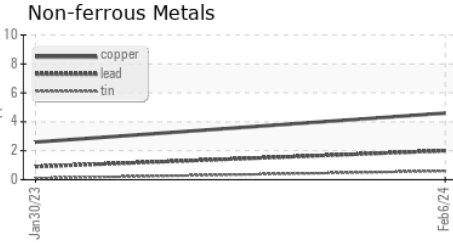
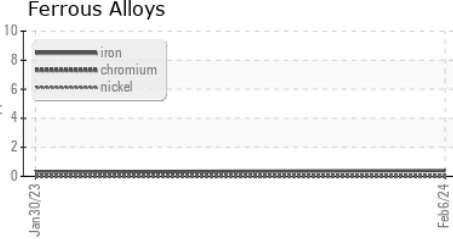
| VISUAL | method | limit/base | current | history1 | history2 |
|------------------|--------|------------|---------|----------|----------|
| White Metal | scalar | *Visual | NONE | NONE | --- |
| Yellow Metal | scalar | *Visual | NONE | NONE | --- |
| Precipitate | scalar | *Visual | NONE | NONE | --- |
| Silt | scalar | *Visual | NONE | NONE | --- |
| Debris | scalar | *Visual | NONE | NONE | --- |
| Sand/Dirt | scalar | *Visual | NONE | NONE | --- |
| Appearance | scalar | *Visual | NORML | NORML | --- |
| Odor | scalar | *Visual | NORML | NORML | --- |
| Emulsified Water | scalar | *Visual | >0.01 | NEG | --- |
| Free Water | scalar | *Visual | | NEG | --- |

| FLUID PROPERTIES | method | limit/base | current | history1 | history2 |
|------------------|--------|------------|---------|----------|----------|
| Visc @ 40°C | cSt | ASTM D445 | 29.2 | 29.1 | --- |

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



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0763580 **Received** : 23 Feb 2024
Lab Number : 06099230 **Tested** : 28 Feb 2024
Unique Number : 10897460 **Diagnosed** : 28 Feb 2024 - Jonathan Hester
Test Package : PLANT

CHILLTECH
 PO BOX 225
 MANGROVE BAY, ZZ
 BM
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 kevin.roberts@chilltech.bm
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 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)