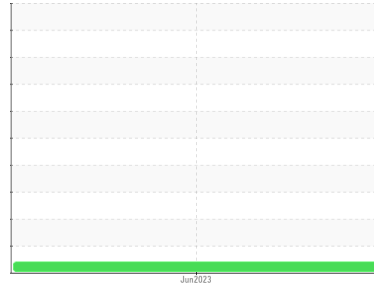




PROBLEM SUMMARY

Sample Rating Trend



VIS DEBRIS



Machine Id
NOT GIVEN WC0810221 (S/N NO INFO ON SIF/BOTTLE)
 Component
Compressor
 Fluid
NOT GIVEN (--- GAL)

COMPONENT CONDITION SUMMARY

No relevant graphs to display

RECOMMENDATION

No corrective action is recommended at this time.
 Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

| | | | | | | |
|---------------|--------|---------|------|-----------------|-----|-----|
| Sample Status | | | | ABNORMAL | --- | --- |
| Debris | scalar | *Visual | NONE | ▲ MODER | --- | --- |

Customer Id: THENORMA
Sample No.: WC0810221
Lab Number: 05878216
Test Package: PLANT



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Angela Borella +1 800-237-1369
angela.borella@wearcheckusa.com

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS



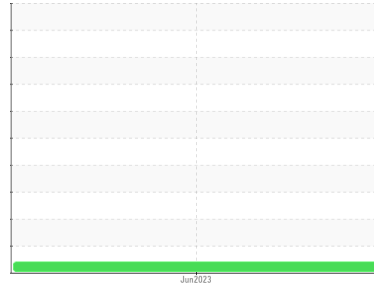
OIL ANALYSIS REPORT

Sample Rating Trend

VIS DEBRIS

Machine Id
NOT GIVEN WC0810221 (S/N NO INFO ON SIF/BOTTLE)

Component
Compressor
Fluid
NOT GIVEN (--- GAL)



DIAGNOSIS

▲ Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

▲ Contamination

Moderate concentration of visible dirt/debris 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 | WC0810221 | --- | --- |
| Sample Date | Client Info | 19 Jun 2023 | --- | --- |
| Machine Age | hrs | Client Info | 0 | --- |
| Oil Age | hrs | Client Info | 0 | --- |
| Oil Changed | Client Info | N/A | --- | --- |
| Sample Status | | ABNORMAL | --- | --- |

WEAR METALS

| method | limit/base | current | history1 | history2 |
|----------|------------|-----------------|--------------|----------|
| Iron | ppm | ASTM D5185m >50 | <1 | --- |
| Chromium | ppm | ASTM D5185m >10 | <1 | --- |
| Nickel | ppm | ASTM D5185m | <1 | --- |
| Titanium | ppm | ASTM D5185m | 0 | --- |
| Silver | ppm | ASTM D5185m | 0 | --- |
| Aluminum | ppm | ASTM D5185m >25 | 0 | --- |
| Lead | ppm | ASTM D5185m >25 | 0 | --- |
| Copper | ppm | ASTM D5185m >50 | 3 | --- |
| Tin | ppm | ASTM D5185m >15 | 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 | <1 | --- |
| Magnesium | ppm | ASTM D5185m | 11 | --- |
| Calcium | ppm | ASTM D5185m | 0 | --- |
| Phosphorus | ppm | ASTM D5185m | <1 | --- |
| Zinc | ppm | ASTM D5185m | 0 | --- |
| Sulfur | ppm | ASTM D5185m | 21631 | --- |

CONTAMINANTS

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

FLUID DEGRADATION

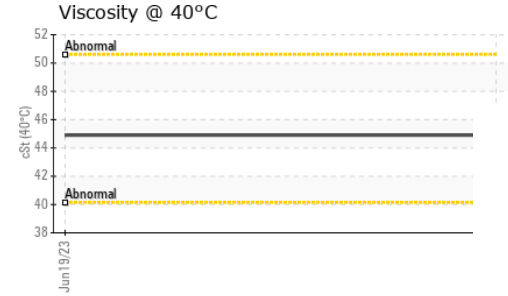
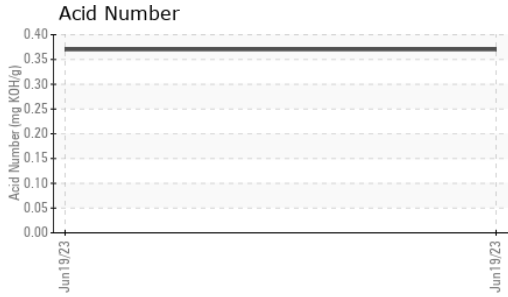
| method | limit/base | current | history1 | history2 |
|------------------|------------|------------|-------------|----------|
| Acid Number (AN) | mg KOH/g | ASTM D8045 | 0.37 | --- |

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 | ▲ MODER | --- |
| 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

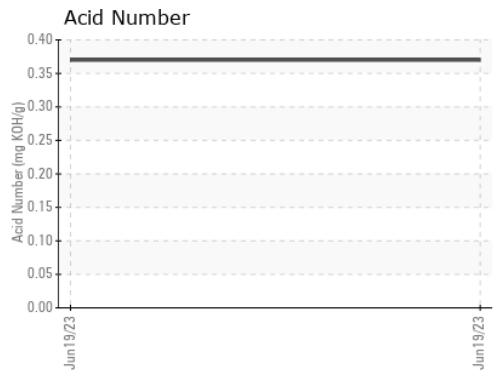
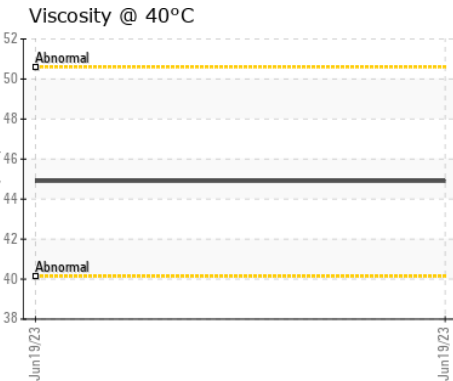
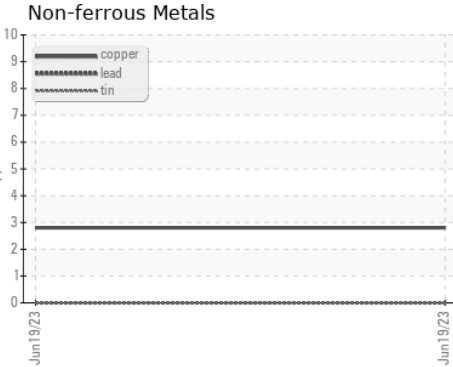
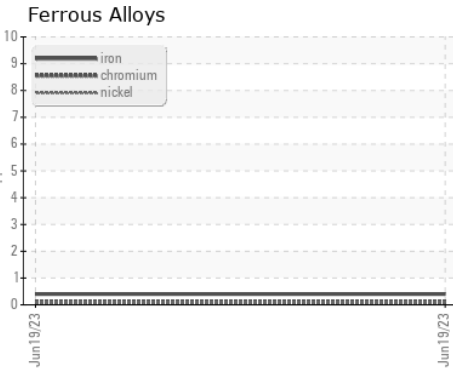


| FLUID PROPERTIES | method | limit/base | current | history1 | history2 |
|------------------|--------|------------|---------|----------|----------|
| Visc @ 40°C | cSt | ASTM D445 | 44.9 | --- | --- |

| 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. : WC0810221 Received : 20 Jun 2023
 Lab Number : 05878216 Diagnosed : 22 Jun 2023
 Unique Number : 10523319 Diagnostician : Angela Borella
 Test Package : PLANT

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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