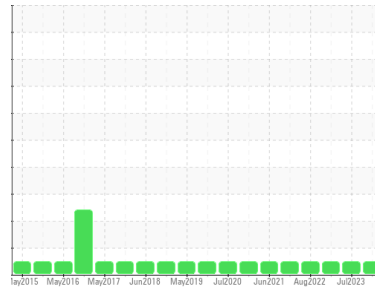




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
CHEMLUBE 228 [21310]
 Machine Id
QUINCY 85245 - SAUNDERS MFG
 Component
Compressor

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 | | UCH06137540 | UCH05913620 | UCH05799801 |
| Sample Date | Client Info | | 07 Mar 2024 | 27 Jul 2023 | 16 Feb 2023 |
| Machine Age | hrs | Client Info | 99060 | 97734 | 96595 |
| Oil Age | hrs | Client Info | 3512 | 2185 | 1047 |
| Oil Changed | Client Info | | Changed | Not Changd | Not Changd |
| Sample Status | | | NORMAL | NORMAL | NORMAL |

CONTAMINATION

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

WEAR METALS

| | method | limit/base | current | history1 | history2 |
|----------|--------|-----------------|----------|----------|----------|
| Iron | ppm | ASTM D5185m >50 | 0 | 0 | 0 |
| 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 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m >25 | 0 | 0 | <1 |
| Lead | ppm | ASTM D5185m >25 | 0 | 0 | 0 |
| Copper | ppm | ASTM D5185m >50 | 0 | <1 | <1 |
| Tin | ppm | ASTM D5185m >15 | 0 | 0 | 0 |
| Vanadium | ppm | ASTM D5185m | 0 | 0 | 0 |
| Cadmium | ppm | ASTM D5185m | 0 | 0 | 0 |

ADDITIVES

| | method | limit/base | current | history1 | history2 |
|------------|--------|------------------|-------------|----------|----------|
| Boron | ppm | ASTM D5185m 1.5 | 0 | 0 | 0 |
| Barium | ppm | ASTM D5185m 0 | 0 | 0 | <1 |
| Molybdenum | ppm | ASTM D5185m 0 | 0 | 0 | 0 |
| Manganese | ppm | ASTM D5185m 0.3 | 0 | 0 | 0 |
| Magnesium | ppm | ASTM D5185m 0 | 0 | 0 | 0 |
| Calcium | ppm | ASTM D5185m 0 | 0 | 0 | 0 |
| Phosphorus | ppm | ASTM D5185m 406 | 234 | 221 | 209 |
| Zinc | ppm | ASTM D5185m 0 | 2 | 5 | 16 |
| Sulfur | ppm | ASTM D5185m 1283 | 1107 | 1026 | 1073 |

CONTAMINANTS

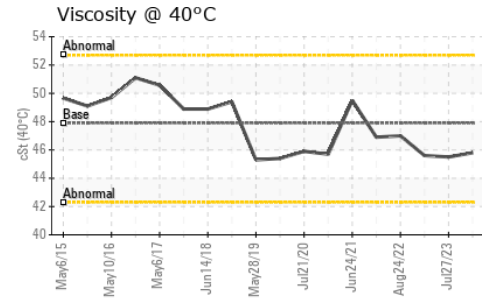
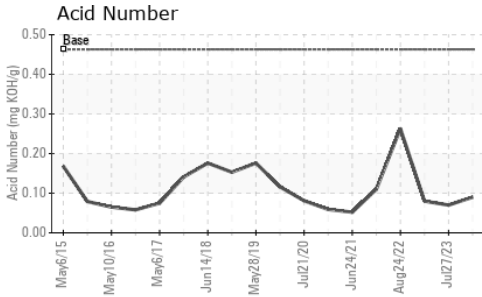
| | method | limit/base | current | history1 | history2 |
|-----------|--------|-----------------|----------|----------|----------|
| Silicon | ppm | ASTM D5185m >25 | 0 | 0 | <1 |
| Sodium | ppm | ASTM D5185m | 7 | 0 | 3 |
| Potassium | ppm | ASTM D5185m >20 | 0 | <1 | 0 |

FLUID DEGRADATION

| | method | limit/base | current | history1 | history2 |
|------------------|----------|------------------|-------------|----------|----------|
| Acid Number (AN) | mg KOH/g | ASTM D8045 0.463 | 0.09 | 0.07 | 0.08 |



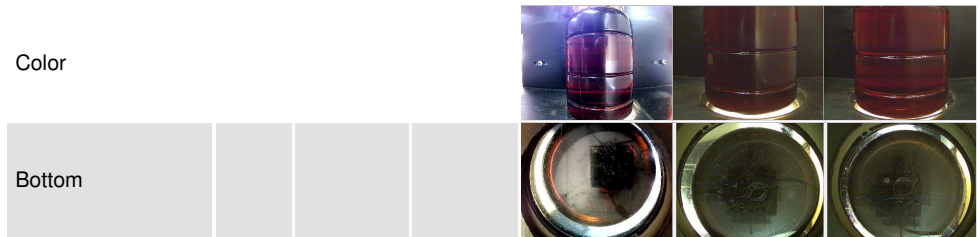
OIL ANALYSIS REPORT



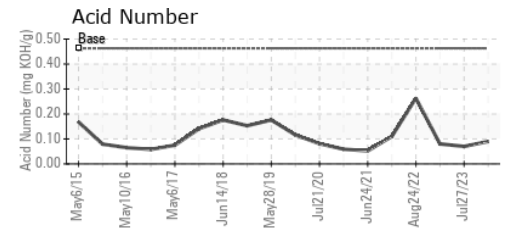
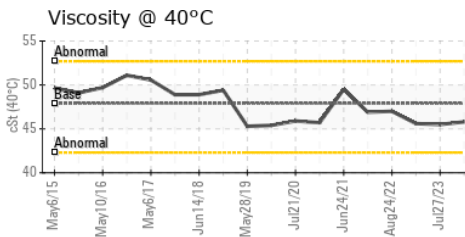
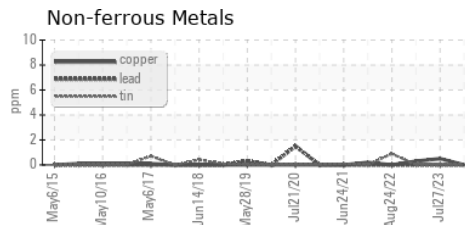
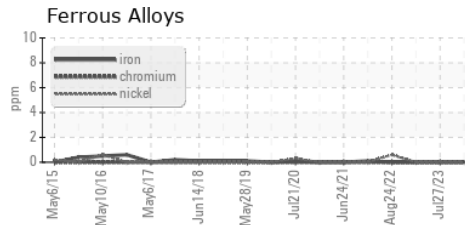
| VISUAL | method | limit/base | current | history1 | history2 |
|------------------|--------|------------|---------|----------|----------|
| White Metal | scalar | *Visual | NONE | NONE | NONE |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE |
| Precipitate | scalar | *Visual | NONE | NONE |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

| FLUID PROPERTIES | method | limit/base | current | history1 | history2 |
|------------------|--------|------------|---------|----------|----------|
| Visc @ 40°C | cSt | ASTM D445 | 47.9 | 45.8 | 45.5 |

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



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH06137540
Lab Number : 06137540
Unique Number : 10957005
Test Package : IND 2
Received : 03 Apr 2024
Tested : 04 Apr 2024
Diagnosed : 05 Apr 2024 - Sean Felton

MAINE AIR POWER
 3100 HOTEL ROAD
 AUBURN, ME
 US 04210
 Contact: CLINT KNOWLTON
 CLINT@MAINEAIRPOWER.COM
 T: (800)427-3768
 F: (207)786-3916

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)