



| | |
|-----------------|---------------|
| WEAR | NORMAL |
| CONTAMINATION | NORMAL |
| FLUID CONDITION | NORMAL |

Area
ULTRA 46 [3511]
Machine Id
QUINCY 95069J - JELD WEN
Component
Compressor

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | UCS06221338 | UCS06078414 | UCS05961331 |
| Sample Date | | Client Info | | 07 Jun 2024 | 28 Dec 2023 | 20 Sep 2023 |
| Machine Age | hrs | Client Info | | 61297 | 58602 | 56911 |
| Oil Age | hrs | Client Info | | 2695 | 7657 | 5966 |
| Filter Age | hrs | Client Info | | 2695 | 1691 | 2000 |
| Oil Changed | | Client Info | | Not Changed | Changed | Not Changed |
| Filter Changed | | Client Info | | Changed | Changed | Changed |
| Sample Status | | | | NORMAL | NORMAL | NORMAL |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|-------------|------|--------------|------|-------|
| Iron | ppm | ASTM D5185m | >50 | 0 | 0 | 0 |
| Chromium | ppm | ASTM D5185m | >10 | <1 | 0 | 0 |
| Nickel | ppm | ASTM D5185m | | 0 | <1 | 0 |
| Titanium | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Silver | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m | >25 | 2 | <1 | 0 |
| Lead | ppm | ASTM D5185m | >25 | 0 | 2 | 0 |
| Copper | ppm | ASTM D5185m | >50 | 0 | 2 | <1 |
| Tin | ppm | ASTM D5185m | >15 | 0 | 1 | <1 |
| Vanadium | ppm | ASTM D5185m | | 0 | 0 | <1 |
| White Metal | scalar | *Visual | NONE | NONE | NONE | LIGHT |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |

CONTAMINATION

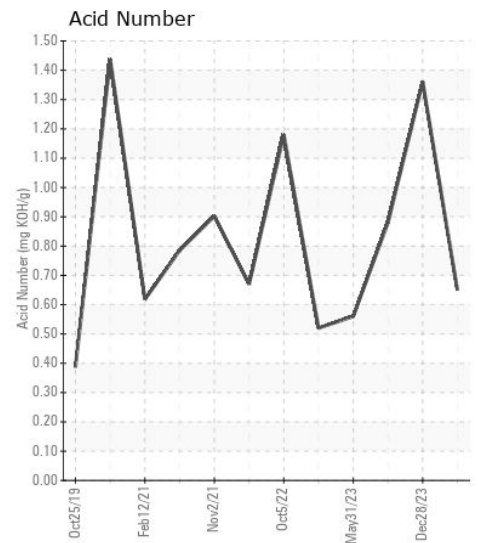
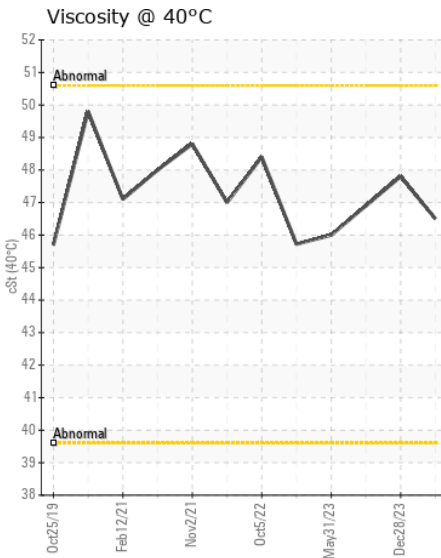
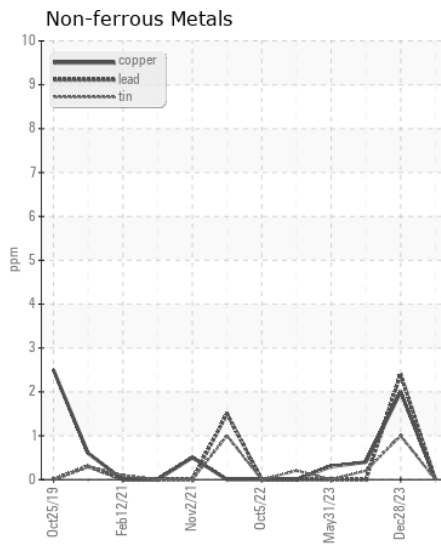
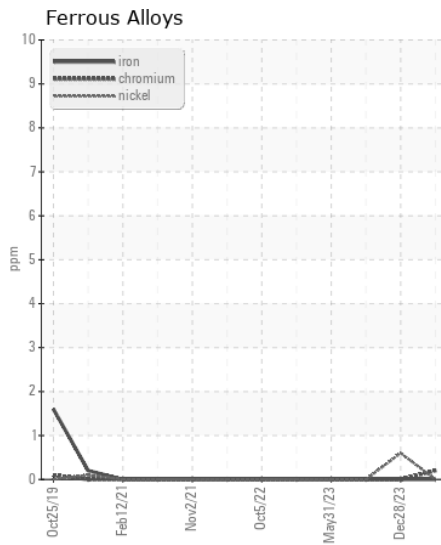
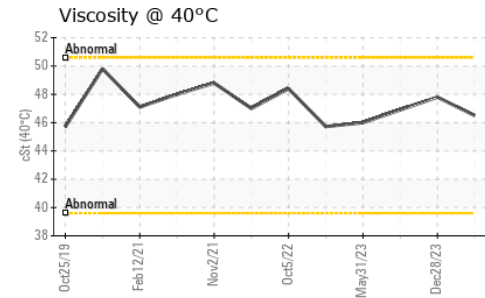
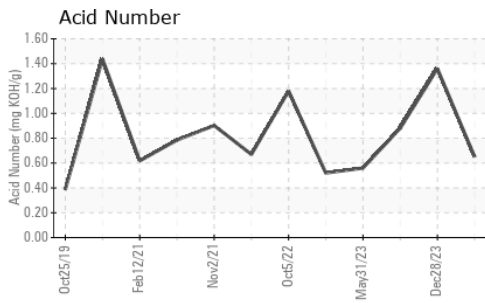
There is no indication of any contamination in the oil.

| | | | | | | |
|------------------|--------|-------------|-------|--------------|-------|-------|
| Silicon | ppm | ASTM D5185m | >25 | 0 | 2 | 1 |
| Potassium | ppm | ASTM D5185m | >20 | 1 | 3 | 0 |
| Water | | WC Method | >0.1 | NEG | NEG | NEG |
| Silt | scalar | *Visual | NONE | NONE | NONE | NONE |
| Debris | scalar | *Visual | NONE | LIGHT | NONE | NONE |
| Sand/Dirt | scalar | *Visual | NONE | NONE | NONE | NONE |
| Appearance | scalar | *Visual | NORML | NORML | NORML | NORML |
| Odor | scalar | *Visual | NORML | NORML | NORML | NORML |
| Emulsified Water | scalar | *Visual | >0.1 | NEG | NEG | NEG |

FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

| | | | | | | |
|------------------|----------|-------------|--|--------------|------|------|
| Sodium | ppm | ASTM D5185m | | 0 | 3 | 2 |
| Boron | ppm | ASTM D5185m | | 0 | <1 | 0 |
| Barium | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m | | 0 | <1 | 0 |
| Manganese | ppm | ASTM D5185m | | 0 | 2 | <1 |
| Magnesium | ppm | ASTM D5185m | | <1 | <1 | 0 |
| Calcium | ppm | ASTM D5185m | | 0 | <1 | 0 |
| Phosphorus | ppm | ASTM D5185m | | 153 | 85 | 88 |
| Zinc | ppm | ASTM D5185m | | 0 | 0 | 0 |
| Sulfur | ppm | ASTM D5185m | | 688 | 227 | 265 |
| Acid Number (AN) | mg KOH/g | ASTM D8045 | | 0.65 | 1.36 | 0.88 |
| Visc @ 40°C | cSt | ASTM D445 | | 46.5 | 47.8 | 46.9 |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCS06221338
Lab Number : 06221338
Unique Number : 11099535
Test Package : IND 2

Received : 26 Jun 2024
Tested : 27 Jun 2024
Diagnosed : 27 Jun 2024 - Wes Davis

STANLEY HEATING & AIR
 1002 DOBBINS MILL RD
 ELKIN, NC
 US 28621

Contact: DARRYL WEDDLE
 darryl@stanleyhvac.com

T: (336)366-4226

F:

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)