



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

Area
PALEXTRA 44 [02008505]
 Machine Id
SULLIVAN PALATEK 1802020004 - TRELLEBORG
 Component
Compressor

RECOMMENDATION

Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | UCS06232344 | UCS06078378 | UCS06048381 |
| Sample Date | | Client Info | | 20 Jun 2024 | 23 Jan 2024 | 06 Nov 2023 |
| Machine Age | hrs | Client Info | | 15101 | 14242 | 13744 |
| Oil Age | hrs | Client Info | | 2594 | 1735 | 1237 |
| Filter Age | hrs | Client Info | | 859 | 1735 | 867 |
| Oil Changed | | Client Info | | Changed | Not Changd | Not Changd |
| Filter Changed | | Client Info | | Changed | Changed | Changed |
| Sample Status | | | | NORMAL | NORMAL | NORMAL |

WEAR

All component wear rates are normal.

| | | | | | | |
|--------------|--------|-------------|------|--------------|------|------|
| Iron | ppm | ASTM D5185m | >50 | <1 | 0 | 0 |
| Chromium | ppm | ASTM D5185m | >10 | 0 | 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 | 0 | <1 | 0 |
| Lead | ppm | ASTM D5185m | >25 | 0 | 2 | 0 |
| Copper | ppm | ASTM D5185m | >50 | 1 | 3 | <1 |
| Tin | ppm | ASTM D5185m | >15 | <1 | 1 | 0 |
| Vanadium | ppm | ASTM D5185m | | 0 | 0 | 0 |
| White Metal | scalar | *Visual | NONE | NONE | NONE | NONE |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |

CONTAMINATION

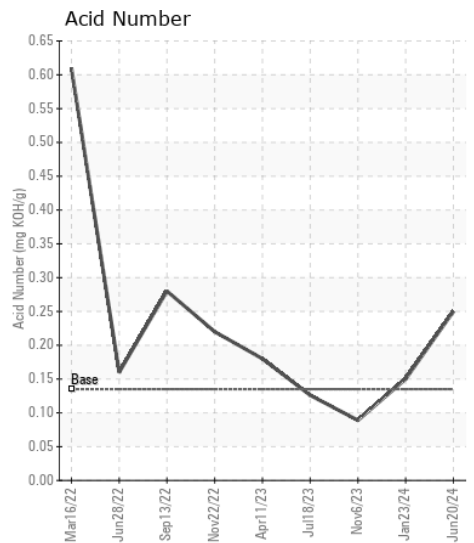
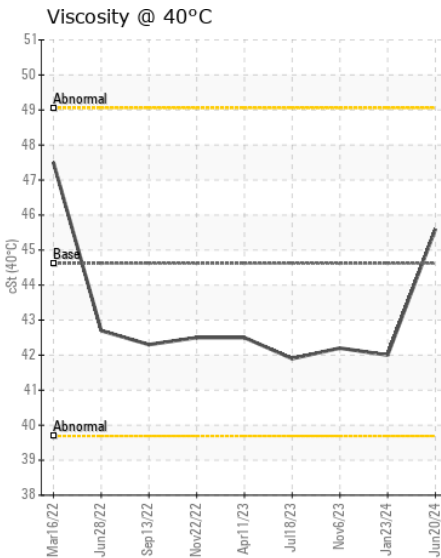
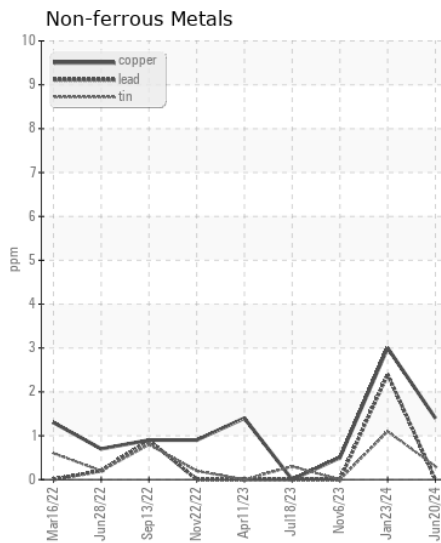
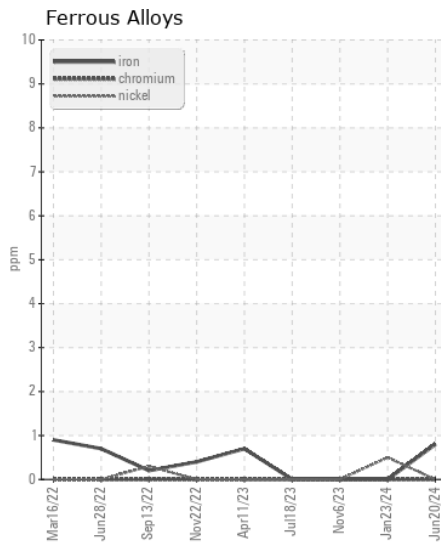
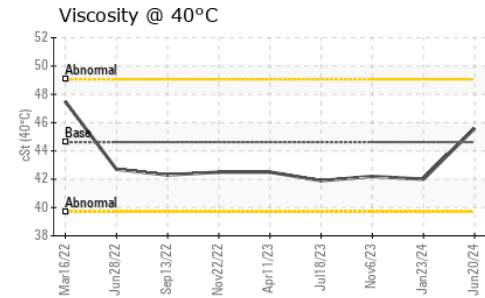
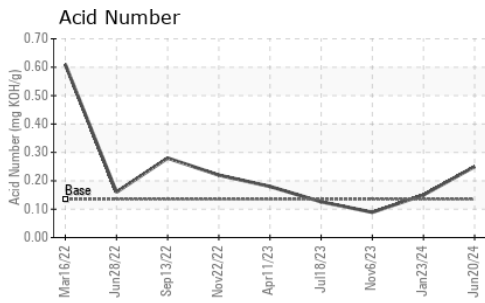
There is no indication of any contamination in the oil.

| | | | | | | |
|------------------|--------|-------------|-------|--------------|-------|-------|
| Silicon | ppm | ASTM D5185m | >25 | 2 | 2 | 1 |
| Potassium | ppm | ASTM D5185m | >20 | 2 | 3 | 2 |
| Water | | WC Method | >0.1 | NEG | NEG | NEG |
| Silt | scalar | *Visual | NONE | NONE | NONE | NONE |
| Debris | scalar | *Visual | NONE | LIGHT | LIGHT | 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 | | 1 | 2 | 2 |
| Boron | ppm | ASTM D5185m | 0 | 0 | 0 | 0 |
| Barium | ppm | ASTM D5185m | 0.3 | 0 | 0 | 0 |
| Molybdenum | ppm | ASTM D5185m | 0 | 0 | <1 | 0 |
| Manganese | ppm | ASTM D5185m | 0.3 | 0 | 2 | <1 |
| Magnesium | ppm | ASTM D5185m | 0.4 | 2 | <1 | 0 |
| Calcium | ppm | ASTM D5185m | 0 | 11 | 1 | 0 |
| Phosphorus | ppm | ASTM D5185m | 689 | 690 | 668 | 631 |
| Zinc | ppm | ASTM D5185m | 0 | 0 | 0 | 0 |
| Sulfur | ppm | ASTM D5185m | 1237 | 905 | 938 | 763 |
| Acid Number (AN) | mg KOH/g | ASTM D8045 | 0.135 | 0.25 | 0.15 | 0.089 |
| Visc @ 40°C | cSt | ASTM D445 | 44.62 | 45.6 | 42.0 | 42.2 |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCS06232344 **Received** : 10 Jul 2024
Lab Number : 06232344 **Tested** : 11 Jul 2024
Unique Number : 11115837 **Diagnosed** : 11 Jul 2024 - Wes Davis
Test Package : IND 2

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 US 28621
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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)