



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

Area
PALLUBE 32
Machine Id
SULLIVAN PALATEK 19ME000725 - GEORIGA TECH
Component
Compressor

RECOMMENDATION

We advise that you follow the water drain-off procedure for this component. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

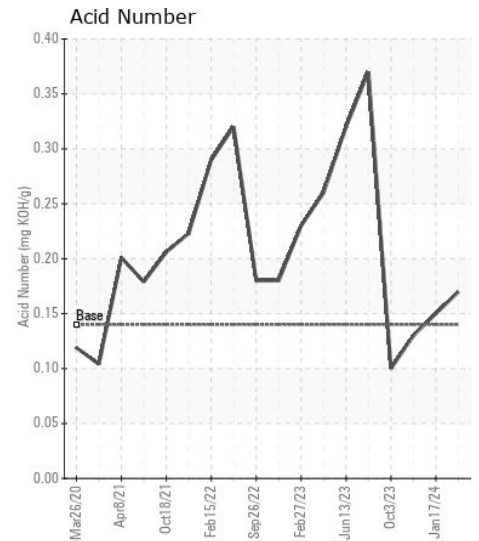
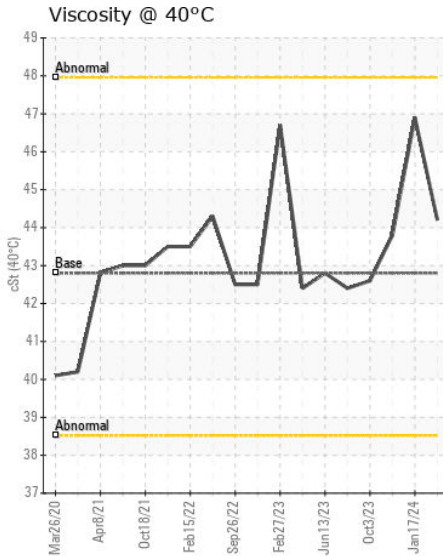
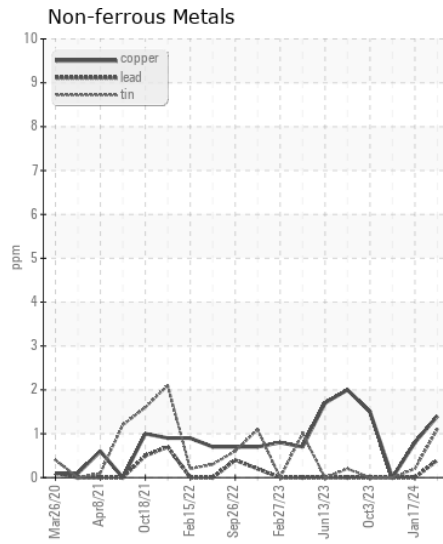
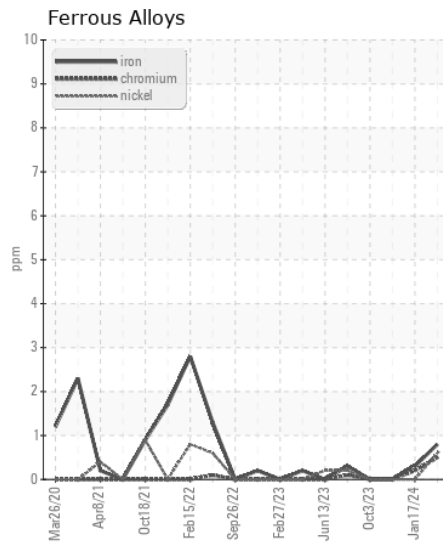
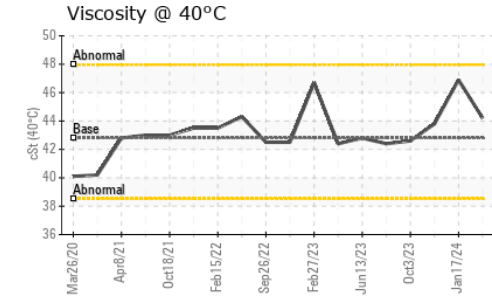
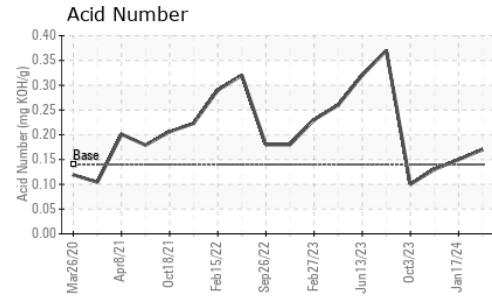
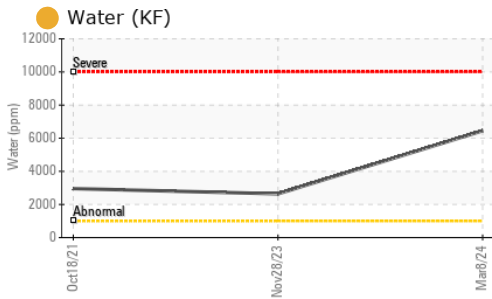
CONTAMINATION

There is a moderate concentration of water present in the oil.

FLUID CONDITION

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

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|------------------|----------|-------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | UCS06190694 | UCS06111550 | UCS06032407 |
| Sample Date | | Client Info | | 08 Mar 2024 | 17 Jan 2024 | 28 Nov 2023 |
| Machine Age | hrs | Client Info | | 36097 | 35103 | 33693 |
| Oil Age | hrs | Client Info | | 5151 | 4154 | 2744 |
| Filter Age | hrs | Client Info | | 994 | 1410 | 1364 |
| Oil Changed | | Client Info | | N/A | Not Changd | Not Changd |
| Filter Changed | | Client Info | | N/A | Changed | Changed |
| Sample Status | | | | ATTENTION | NORMAL | ATTENTION |
| Iron | ppm | ASTM D5185m | >50 | <1 | <1 | 0 |
| Chromium | ppm | ASTM D5185m | >10 | <1 | <1 | 0 |
| Nickel | ppm | ASTM D5185m | | <1 | 0 | 0 |
| Titanium | ppm | ASTM D5185m | | <1 | 0 | 0 |
| Silver | ppm | ASTM D5185m | | 1 | 0 | 0 |
| Aluminum | ppm | ASTM D5185m | >25 | 1 | 2 | 0 |
| Lead | ppm | ASTM D5185m | >25 | <1 | 0 | 0 |
| Copper | ppm | ASTM D5185m | >50 | 1 | <1 | 0 |
| Tin | ppm | ASTM D5185m | >15 | 1 | <1 | 0 |
| Vanadium | ppm | ASTM D5185m | | <1 | <1 | 0 |
| White Metal | scalar | *Visual | NONE | NONE | NONE | NONE |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |
| Silicon | ppm | ASTM D5185m | >25 | 2 | <1 | <1 |
| Potassium | ppm | ASTM D5185m | >20 | 4 | 4 | 3 |
| Water | % | ASTM D6304 | >0.1 | 0.645 | --- | 0.264 |
| ppm Water | ppm | ASTM D6304 | >1000 | 6450 | --- | 2640 |
| 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 | 0.2% | NEG | 0.2% |
| Sodium | ppm | ASTM D5185m | | 85 | 79 | 67 |
| Boron | ppm | ASTM D5185m | 1 | 0 | 0 | 0 |
| Barium | ppm | ASTM D5185m | 730 | 44 | 77 | 108 |
| Molybdenum | ppm | ASTM D5185m | 0 | <1 | 0 | 0 |
| Manganese | ppm | ASTM D5185m | 0.0 | <1 | 0 | 0 |
| Magnesium | ppm | ASTM D5185m | 0 | <1 | <1 | <1 |
| Calcium | ppm | ASTM D5185m | 0 | 0 | 4 | <1 |
| Phosphorus | ppm | ASTM D5185m | 0 | 11 | 19 | 11 |
| Zinc | ppm | ASTM D5185m | 0 | 3 | 1 | 0 |
| Sulfur | ppm | ASTM D5185m | 590 | 480 | 525 | 628 |
| Acid Number (AN) | mg KOH/g | ASTM D8045 | 0.14 | 0.17 | 0.15 | 0.13 |
| Visc @ 40°C | cSt | ASTM D445 | 42.8 | 44.2 | 46.9 | 43.8 |



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCS06190694
Lab Number : 06190694
Unique Number : 11047446
Test Package : IND 2 (Additional Tests: KF)

Received : 24 May 2024
Tested : 30 May 2024
Diagnosed : 30 May 2024 - Jon Fazenbaker

Transervice - Shop 1367 - Berkeley-Jupiter
 15998 Walgreens Drive
 Jupiter, FL
 US 33478

Contact: Manny Gonzalez
 egonzalez@transervice.com

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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