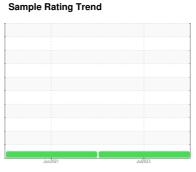


OIL ANALYSIS REPORT

PALEXTRA 44 **SULLIVAN PALATEK 18022210002 - CONRAIL (S/N 1802210002)**

Compressor





Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

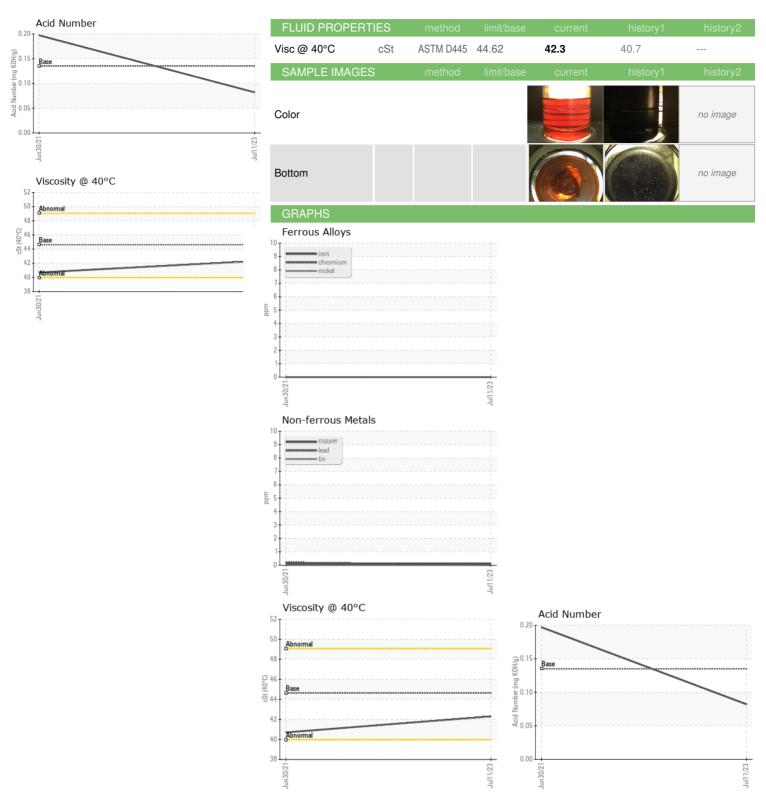
Fluid Condition

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

| | | | Jun2021 | Jul2023 | | |
|------------------|----------|-------------|------------|-------------|--------------|----------------|
| SAMPLE INFORM | MATION | method | limit/base | current | history1 | history2 |
| Sample Number | | Client Info | | UCH05902382 | UCH05294282 | |
| Sample Date | | Client Info | | 11 Jul 2023 | 30 Jun 2021 | |
| Machine Age | hrs | Client Info | | 32410 | 17423 | |
| Oil Age | hrs | Client Info | | 32410 | 0 | |
| Oil Changed | 0 | Client Info | | N/A | Changed | |
| Sample Status | | | | NORMAL | NORMAL | |
| WEAR METALS | | method | limit/base | current | history1 | history2 |
| Iron | ppm | ASTM D5185m | >50 | 0 | 0 | |
| Chromium | ppm | ASTM D5185m | >10 | 0 | 0 | |
| Nickel | ppm | ASTM D5185m | | 0 | 0 | |
| Titanium | ppm | ASTM D5185m | | 0 | 0 | |
| Silver | ppm | ASTM D5185m | | 0 | 0 | |
| Aluminum | ppm | ASTM D5185m | >25 | <1 | 0 | |
| Lead | ppm | ASTM D5185m | >25 | 0 | <1 | |
| Copper | ppm | ASTM D5185m | >50 | <1 | <1 | |
| Tin | ppm | ASTM D5185m | >15 | 0 | 0 | |
| Antimony | ppm | ASTM D5185m | >10 | | 0 | |
| Vanadium | ppm | ASTM D5185m | | 0 | 0 | |
| Cadmium | | ASTM D5185m | | 0 | 0 | |
| | ppm | | | U | | |
| ADDITIVES | | method | limit/base | current | history1 | history2 |
| Boron | ppm | ASTM D5185m | 0 | 0 | 0 | |
| Barium | ppm | ASTM D5185m | 0.3 | 0 | 0 | |
| Molybdenum | ppm | ASTM D5185m | 0 | 0 | 0 | |
| Manganese | ppm | ASTM D5185m | 0.3 | 0 | 0 | |
| Magnesium | ppm | ASTM D5185m | 0.4 | 0 | 0 | |
| Calcium | ppm | ASTM D5185m | 0 | 0 | 0 | |
| Phosphorus | ppm | ASTM D5185m | 689 | 608 | 136 | |
| Zinc | ppm | ASTM D5185m | 0 | 0 | 0 | |
| Sulfur | ppm | ASTM D5185m | 1237 | 1182 | 146 | |
| CONTAMINANTS | 6 | method | limit/base | current | history1 | history2 |
| Silicon | ppm | ASTM D5185m | >25 | 3 | 1 | |
| Sodium | ppm | ASTM D5185m | | 0 | <1 | |
| Potassium | ppm | ASTM D5185m | >20 | 0 | 0 | |
| FLUID DEGRADA | NOITA | method | limit/base | current | history1 | history2 |
| Acid Number (AN) | mg KOH/g | ASTM D8045 | 0.135 | 0.082 | 0.197 | |
| 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 | LIGHT | VLITE | |
| 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 | | | IOSEPEGTORCH | IIA - UCAIRCLI |
| | Coalai | | | | 3 | |



OIL ANALYSIS REPORT







Certificate L2367

Laboratory

Sample No. Lab Number

: 05902382 Unique Number : 10563738 Test Package : IND 2

: UCH05902382

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 19 Jul 2023

Diagnosed : 21 Jul 2023 Diagnostician : Don Baldridge

AIR & GAS TECHNOLOGIES 42 INDUSTRIAL DR

CLIFFWOOD BEACH, NJ US 07735

Contact: JOSEPH TORCHIA

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)

Contact/Location: JOSEPH TORCHIA - UCAIRCLI

T: (732)566-7227 F: