



|                 |               |
|-----------------|---------------|
| WEAR            | <b>NORMAL</b> |
| CONTAMINATION   | <b>NORMAL</b> |
| FLUID CONDITION | <b>NORMAL</b> |

Area  
**NOT GIVEN**

Machine Id  
**SULLIVAN PALATEK 23CE003885 - NARM**

Component  
**Compressor**

### RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) COMPRESSOR OIL (PAG) ISO 46. Please confirm.

| Test           | UOM | Method      | Limit/Abn | Current       | History1 | History2 |
|----------------|-----|-------------|-----------|---------------|----------|----------|
| Sample Number  |     | Client Info |           | UCS06194170   | ---      | ---      |
| Sample Date    |     | Client Info |           | 19 Apr 2024   | ---      | ---      |
| Machine Age    | hrs | Client Info |           | 2676          | ---      | ---      |
| Oil Age        | hrs | Client Info |           | 0             | ---      | ---      |
| Filter Age     | hrs | Client Info |           | 0             | ---      | ---      |
| Oil Changed    |     | Client Info |           | Not Changd    | ---      | ---      |
| Filter Changed |     | Client Info |           | Changed       | ---      | ---      |
| Sample Status  |     |             |           | <b>NORMAL</b> | ---      | ---      |

### WEAR

All component wear rates are normal.

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

### CONTAMINATION

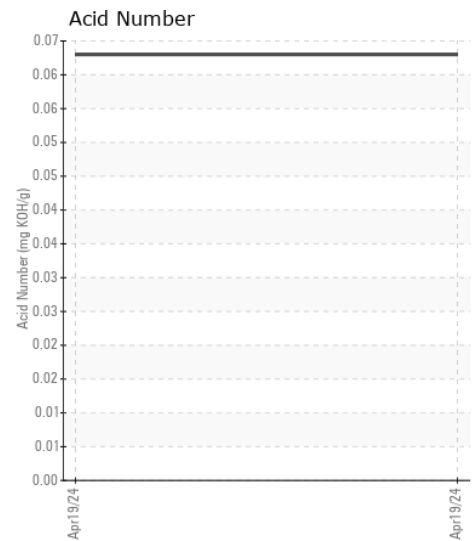
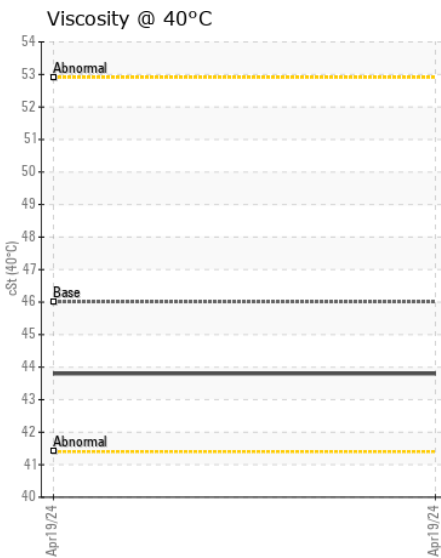
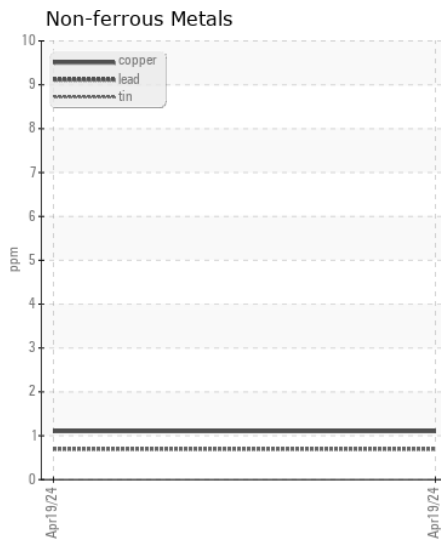
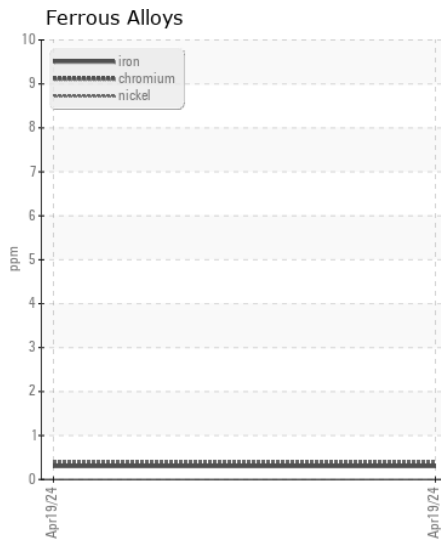
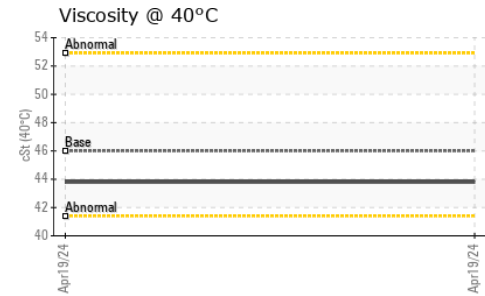
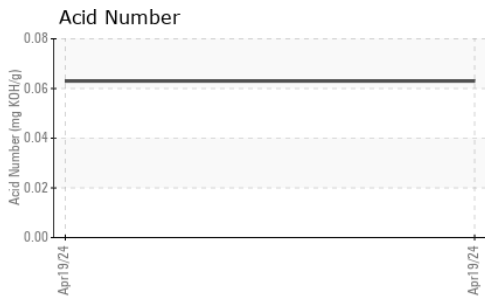
There is no indication of any contamination in the oil.

|                  |        |             |       |              |     |     |
|------------------|--------|-------------|-------|--------------|-----|-----|
| Silicon          | ppm    | ASTM D5185m | >25   | 3            | --- | --- |
| Potassium        | ppm    | ASTM D5185m | >20   | 1            | --- | --- |
| Water            |        | WC Method   | >0.8  | <b>NEG</b>   | --- | --- |
| Silt             | scalar | *Visual     | NONE  | <b>NONE</b>  | --- | --- |
| Debris           | scalar | *Visual     | NONE  | <b>NONE</b>  | --- | --- |
| Sand/Dirt        | scalar | *Visual     | NONE  | <b>NONE</b>  | --- | --- |
| Appearance       | scalar | *Visual     | NORML | <b>NORML</b> | --- | --- |
| Odor             | scalar | *Visual     | NORML | <b>NORML</b> | --- | --- |
| Emulsified Water | scalar | *Visual     | >0.8  | <b>NEG</b>   | --- | --- |

### FLUID CONDITION

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

|                  |          |             |     |       |     |     |
|------------------|----------|-------------|-----|-------|-----|-----|
| Sodium           | ppm      | ASTM D5185m |     | 2     | --- | --- |
| Boron            | ppm      | ASTM D5185m | 2   | 0     | --- | --- |
| Barium           | ppm      | ASTM D5185m | 525 | 266   | --- | --- |
| Molybdenum       | ppm      | ASTM D5185m | 10  | <1    | --- | --- |
| Manganese        | ppm      | ASTM D5185m |     | <1    | --- | --- |
| Magnesium        | ppm      | ASTM D5185m | 5   | 0     | --- | --- |
| Calcium          | ppm      | ASTM D5185m | 10  | 0     | --- | --- |
| Phosphorus       | ppm      | ASTM D5185m | 250 | 262   | --- | --- |
| Zinc             | ppm      | ASTM D5185m | 100 | 0     | --- | --- |
| Sulfur           | ppm      | ASTM D5185m | 400 | 722   | --- | --- |
| Acid Number (AN) | mg KOH/g | ASTM D8045  |     | 0.063 | --- | --- |
| Visc @ 40°C      | cSt      | ASTM D445   | 46  | 43.8  | --- | --- |



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCS06194170  
**Lab Number** : 06194170  
**Unique Number** : 11056293  
**Test Package** : IND 2

**Received** : 29 May 2024  
**Tested** : 30 May 2024  
**Diagnosed** : 30 May 2024 - Wes Davis

**COMPRESSION LEASING SERVICES, INC**  
 1935 N LOOP AVENUE & 1925 N LOOP AV  
 CASPER, WY  
 US 82601

Contact: ANGIE MANZANAREZ  
 amanz@cls-inc.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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