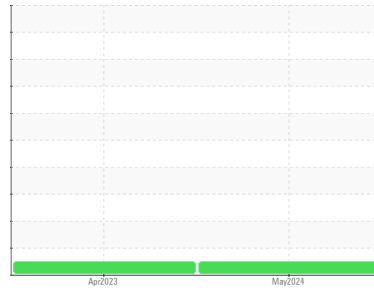




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area

**CHEMLUBE 634 [1677524]**

Machine Id

**L9-ML-BMA-BICO-SPMP - PFNONWOVENS**

Component

**Gearbox**

## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor. Insufficient sample was received to conduct all the routine laboratory tests.

### Wear

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the oil.

### Fluid Condition

The condition of the oil is acceptable for the time in service.

## SAMPLE INFORMATION

|               | method      | limit/base  | current            | history1    | history2 |
|---------------|-------------|-------------|--------------------|-------------|----------|
| Sample Number | Client Info |             | <b>UCH06209290</b> | UCH05832099 | ---      |
| Sample Date   | Client Info |             | <b>21 May 2024</b> | 11 Apr 2023 | ---      |
| Machine Age   | hrs         | Client Info | <b>0</b>           | 0           | ---      |
| Oil Age       | hrs         | Client Info | <b>0</b>           | 0           | ---      |
| Oil Changed   | Client Info |             | <b>N/A</b>         | N/A         | ---      |
| Sample Status |             |             | <b>NORMAL</b>      | NORMAL      | ---      |

## CONTAMINATION

|       | method    | limit/base | current    | history1 | history2 |
|-------|-----------|------------|------------|----------|----------|
| Water | WC Method | >0.2       | <b>NEG</b> | NEG      | ---      |

## WEAR METALS

|          | method | limit/base       | current      | history1 | history2 |
|----------|--------|------------------|--------------|----------|----------|
| Iron     | ppm    | ASTM D5185m >200 | <b>86</b>    | 105      | ---      |
| Chromium | ppm    | ASTM D5185m >15  | <b>&lt;1</b> | 1        | ---      |
| Nickel   | ppm    | ASTM D5185m >15  | <b>0</b>     | 0        | ---      |
| Titanium | ppm    | ASTM D5185m      | <b>&lt;1</b> | 0        | ---      |
| Silver   | ppm    | ASTM D5185m      | <b>0</b>     | 0        | ---      |
| Aluminum | ppm    | ASTM D5185m >25  | <b>2</b>     | 0        | ---      |
| Lead     | ppm    | ASTM D5185m >100 | <b>&lt;1</b> | 0        | ---      |
| Copper   | ppm    | ASTM D5185m >200 | <b>&lt;1</b> | 0        | ---      |
| Tin      | ppm    | ASTM D5185m >25  | <b>&lt;1</b> | 0        | ---      |
| Vanadium | ppm    | ASTM D5185m      | <b>0</b>     | 0        | ---      |
| Cadmium  | ppm    | ASTM D5185m      | <b>0</b>     | 0        | ---      |

## ADDITIVES

|            | method | limit/base       | current      | history1 | history2 |
|------------|--------|------------------|--------------|----------|----------|
| Boron      | ppm    | ASTM D5185m 0.9  | <b>0</b>     | 0        | ---      |
| Barium     | ppm    | ASTM D5185m 0.1  | <b>0</b>     | 0        | ---      |
| Molybdenum | ppm    | ASTM D5185m 0    | <b>0</b>     | 0        | ---      |
| Manganese  | ppm    | ASTM D5185m 0.2  | <b>&lt;1</b> | <1       | ---      |
| Magnesium  | ppm    | ASTM D5185m 0.5  | <b>&lt;1</b> | <1       | ---      |
| Calcium    | ppm    | ASTM D5185m 0    | <b>0</b>     | 4        | ---      |
| Phosphorus | ppm    | ASTM D5185m 1390 | <b>294</b>   | 301      | ---      |
| Zinc       | ppm    | ASTM D5185m 0    | <b>11</b>    | 12       | ---      |
| Sulfur     | ppm    | ASTM D5185m 291  | <b>11213</b> | 11961    | ---      |

## CONTAMINANTS

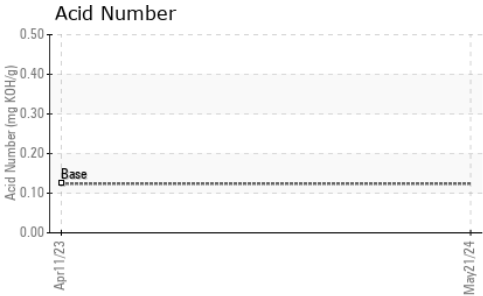
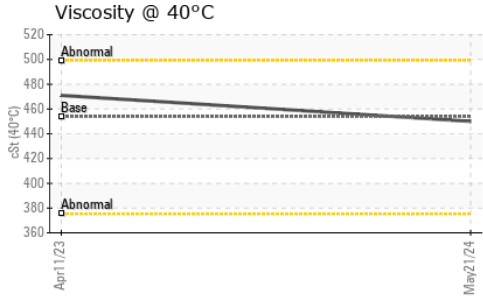
|           | method | limit/base      | current      | history1 | history2 |
|-----------|--------|-----------------|--------------|----------|----------|
| Silicon   | ppm    | ASTM D5185m >50 | <b>4</b>     | 3        | ---      |
| Sodium    | ppm    | ASTM D5185m     | <b>0</b>     | 0        | ---      |
| Potassium | ppm    | ASTM D5185m >20 | <b>&lt;1</b> | 1        | ---      |

## FLUID DEGRADATION

|                  | method   | limit/base       | current    | history1 | history2 |
|------------------|----------|------------------|------------|----------|----------|
| Acid Number (AN) | mg KOH/g | ASTM D8045 0.124 | <b>---</b> | 0.44     | ---      |



# OIL ANALYSIS REPORT



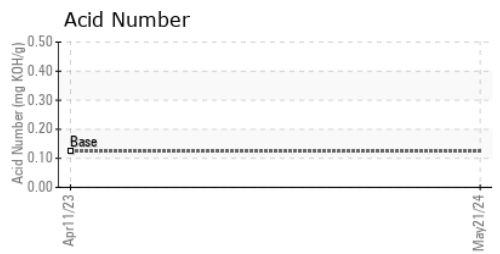
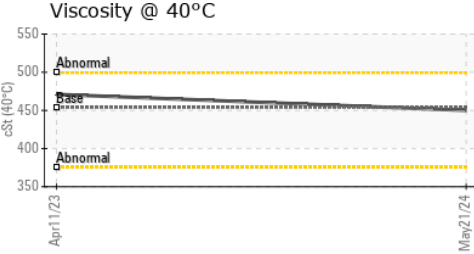
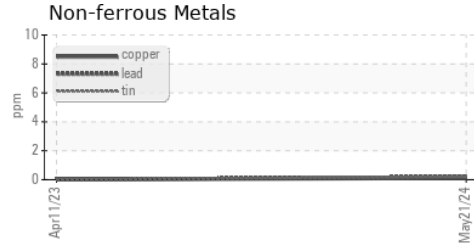
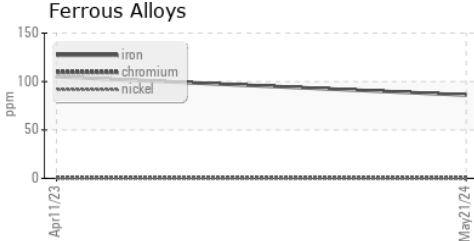
| VISUAL           | method | limit/base | current | history1 | history2 |
|------------------|--------|------------|---------|----------|----------|
| White Metal      | scalar | *Visual    | NONE    | NONE     | ---      |
| Yellow Metal     | scalar | *Visual    | NONE    | NONE     | ---      |
| Precipitate      | scalar | *Visual    | NONE    | NONE     | ---      |
| Silt             | scalar | *Visual    | NONE    | NONE     | ---      |
| Debris           | scalar | *Visual    | NONE    | NONE     | ---      |
| Sand/Dirt        | scalar | *Visual    | NONE    | NONE     | ---      |
| Appearance       | scalar | *Visual    | NORML   | NORML    | ---      |
| Odor             | scalar | *Visual    | NORML   | NORML    | ---      |
| Emulsified Water | scalar | *Visual    | >0.2    | NEG      | ---      |
| Free Water       | scalar | *Visual    |         | NEG      | ---      |

| FLUID PROPERTIES | method | limit/base | current | history1   | history2 |     |
|------------------|--------|------------|---------|------------|----------|-----|
| Visc @ 40°C      | cSt    | ASTM D445  | 453.9   | <b>450</b> | 471      | --- |

| SAMPLE IMAGES | method | limit/base | current | history1 | history2 |
|---------------|--------|------------|---------|----------|----------|
|---------------|--------|------------|---------|----------|----------|

|        |  |  |  |  |          |
|--------|--|--|--|--|----------|
| Color  |  |  |  |  | no image |
| Bottom |  |  |  |  | no image |

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCH06209290      **Received** : 13 Jun 2024  
**Lab Number** : **06209290**      **Tested** : 17 Jun 2024  
**Unique Number** : 11076751      **Diagnosed** : 17 Jun 2024 - Sean Felton  
**Test Package** : IND 2

**CORROSION PRODUCTS & EQUIPMENT**  
 940 POINTVIEW AVE  
 EPHRATA, PA  
 US 17522  
 Contact: RYAN HUNGARTER  
 rhungarter@corrosion-products.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)