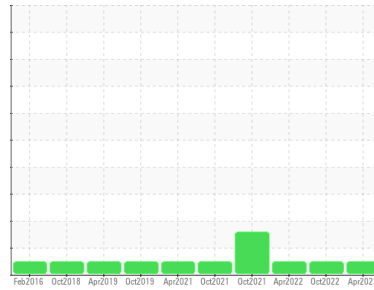




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area  
**WHEY [1718910]**  
 Machine Id  
**RO05PP51BB01**  
 Component  
**Bearing**  
 Fluid  
**MOBIL SHC 626 (--- QTS)**

## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.  
 NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

### 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>WC0805902</b>   | WC0747463   | WC0687463   |
| Sample Date   | Client Info |            | <b>21 Apr 2023</b> | 21 Oct 2022 | 18 Apr 2022 |
| Machine Age   | Client Info |            | <b>0</b>           | 0           | 0           |
| Oil Age       | Client Info |            | <b>0</b>           | 0           | 0           |
| Oil Changed   | Client Info |            | <b>N/A</b>         | N/A         | N/A         |
| Sample Status |             |            | <b>NORMAL</b>      | NORMAL      | NORMAL      |

## WEAR METALS

|          | method | limit/base       | current    | history1 | history2 |
|----------|--------|------------------|------------|----------|----------|
| Iron     | ppm    | ASTM D5185m >200 | <b>2</b>   | 3        | 0        |
| Chromium | ppm    | ASTM D5185m >15  | <b>0</b>   | 0        | 0        |
| Nickel   | ppm    | ASTM D5185m >15  | <b>0</b>   | 0        | 0        |
| Titanium | ppm    | ASTM D5185m      | <b>0</b>   | 0        | 0        |
| Silver   | ppm    | ASTM D5185m      | <b>0</b>   | 0        | 0        |
| Aluminum | ppm    | ASTM D5185m >25  | <b>0</b>   | <1       | <1       |
| Lead     | ppm    | ASTM D5185m >100 | <b>0</b>   | 0        | 0        |
| Copper   | ppm    | ASTM D5185m >200 | <b>0</b>   | <1       | 0        |
| Tin      | ppm    | ASTM D5185m >25  | <b>0</b>   | <1       | 0        |
| Antimony | ppm    | ASTM D5185m >5   | <b>---</b> | ---      | ---      |
| Vanadium | ppm    | ASTM D5185m      | <b>0</b>   | 0        | 0        |
| Cadmium  | ppm    | ASTM D5185m      | <b>0</b>   | 0        | 0        |

## ADDITIVES

|            | method | limit/base  | current      | history1 | history2 |
|------------|--------|-------------|--------------|----------|----------|
| Boron      | ppm    | ASTM D5185m | <b>0</b>     | 0        | 0        |
| Barium     | ppm    | ASTM D5185m | <b>0</b>     | 0        | 0        |
| Molybdenum | ppm    | ASTM D5185m | <b>0</b>     | 0        | 0        |
| Manganese  | ppm    | ASTM D5185m | <b>&lt;1</b> | <1       | 0        |
| Magnesium  | ppm    | ASTM D5185m | <b>&lt;1</b> | <1       | 0        |
| Calcium    | ppm    | ASTM D5185m | <b>0</b>     | 0        | 0        |
| Phosphorus | ppm    | ASTM D5185m | <b>441</b>   | 474      | 461      |
| Zinc       | ppm    | ASTM D5185m | <b>&lt;1</b> | 2        | 0        |
| Sulfur     | ppm    | ASTM D5185m | <b>83</b>    | 101      | 87       |

## CONTAMINANTS

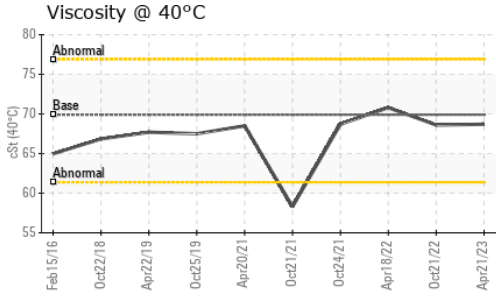
|           | method | limit/base      | current      | history1 | history2 |
|-----------|--------|-----------------|--------------|----------|----------|
| Silicon   | ppm    | ASTM D5185m >50 | <b>0</b>     | <1       | <1       |
| Sodium    | ppm    | ASTM D5185m     | <b>&lt;1</b> | <1       |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

## VISUAL

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

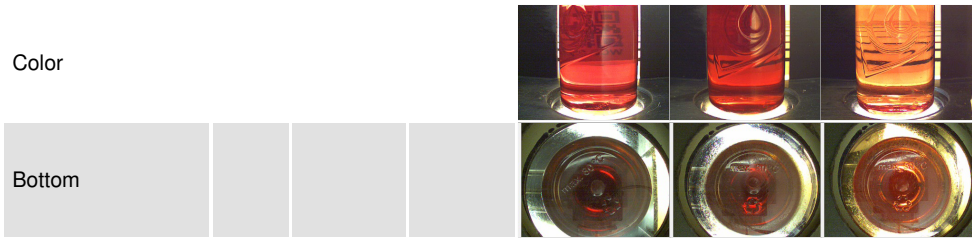


# OIL ANALYSIS REPORT

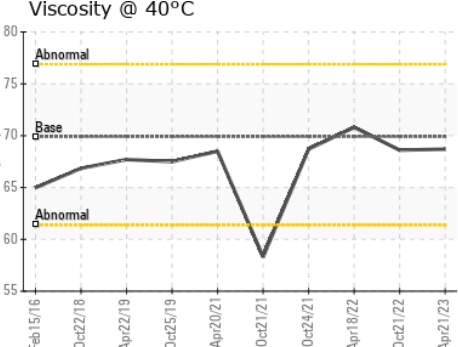
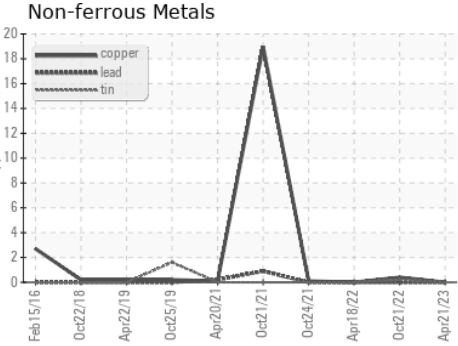
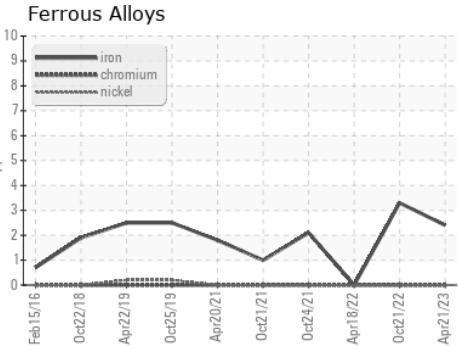


| FLUID PROPERTIES |     | method    | limit/base | current     | history1 | history2 |
|------------------|-----|-----------|------------|-------------|----------|----------|
| Visc @ 40°C      | cSt | ASTM D445 | 69.9       | <b>68.7</b> | 68.6     | 70.8     |

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



## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0805902 **Received** : 28 Apr 2023  
**Lab Number** : **05833336** **Diagnosed** : 02 May 2023  
**Unique Number** : 10446829 **Diagnostician** : Angela Borella  
**Test Package** : IND 1

**LEPRINO FOODS-GREELEY**  
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 T:  
 F: (970)347-5190

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)