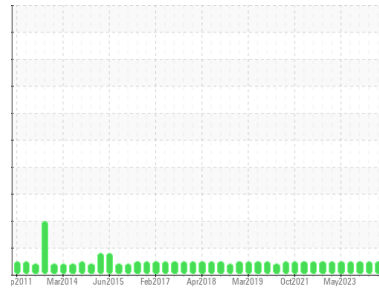




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area  
**[1962532]**  
 Machine Id  
**CM08VT01-1030 - SLAVE**  
 Component  
**Gearbox**  
 Fluid  
**{not provided} (2 GAL)**

## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

### Wear

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the oil.

### Fluid Condition

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

| SAMPLE INFORMATION |             | method      | limit/base | current            | history1    | history2    |
|--------------------|-------------|-------------|------------|--------------------|-------------|-------------|
| Sample Number      | Client Info |             |            | <b>WC0918524</b>   | WC0897634   | WC0875145   |
| Sample Date        | Client Info |             |            | <b>23 Apr 2024</b> | 22 Feb 2024 | 07 Nov 2023 |
| Machine Age        | hrs         | Client Info |            | <b>0</b>           | 0           | 0           |
| Oil Age            | hrs         | 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      |

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

| WEAR METALS |     | method      | limit/base | current      | history1 | history2 |
|-------------|-----|-------------|------------|--------------|----------|----------|
| Iron        | ppm | ASTM D5185m | >200       | <b>12</b>    | 12       | 14       |
| Chromium    | ppm | ASTM D5185m | >15        | <b>0</b>     | 0        | <1       |
| Nickel      | ppm | ASTM D5185m | >15        | <b>0</b>     | 0        | 0        |
| Titanium    | ppm | ASTM D5185m |            | <b>&lt;1</b> | 0        | <1       |
| Silver      | ppm | ASTM D5185m |            | <b>0</b>     | 0        | 0        |
| Aluminum    | ppm | ASTM D5185m | >25        | <b>3</b>     | 1        | 3        |
| Lead        | ppm | ASTM D5185m | >100       | <b>0</b>     | 0        | 0        |
| Copper      | ppm | ASTM D5185m | >200       | <b>7</b>     | 7        | 7        |
| Tin         | ppm | ASTM D5185m | >25        | <b>0</b>     | 0        | 0        |
| Vanadium    | ppm | ASTM D5185m |            | <b>0</b>     | 0        | <1       |
| Cadmium     | ppm | ASTM D5185m |            | <b>0</b>     | 0        | 0        |

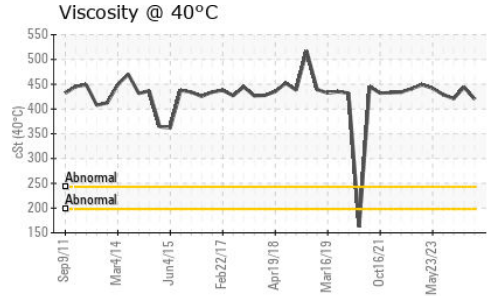
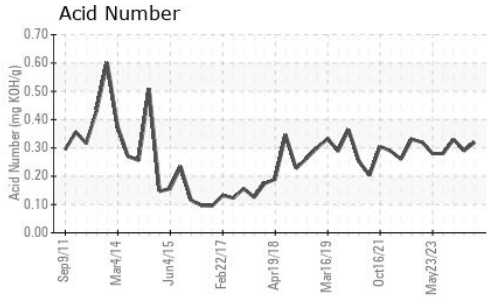
| ADDITIVES  |     | method      | limit/base | current      | history1 | history2 |
|------------|-----|-------------|------------|--------------|----------|----------|
| Boron      | ppm | ASTM D5185m |            | <b>0</b>     | 0        | 0        |
| Barium     | ppm | ASTM D5185m |            | <b>0</b>     | 0        | 6        |
| Molybdenum | ppm | ASTM D5185m |            | <b>&lt;1</b> | <1       | <1       |
| Manganese  | ppm | ASTM D5185m |            | <b>&lt;1</b> | <1       | 0        |
| Magnesium  | ppm | ASTM D5185m |            | <b>0</b>     | 0        | <1       |
| Calcium    | ppm | ASTM D5185m |            | <b>22</b>    | 22       | 21       |
| Phosphorus | ppm | ASTM D5185m |            | <b>490</b>   | 490      | 555      |
| Zinc       | ppm | ASTM D5185m |            | <b>12</b>    | 8        | 3        |
| Sulfur     | ppm | ASTM D5185m |            | <b>846</b>   | 687      | 708      |

| CONTAMINANTS |     | method      | limit/base | current  | history1 | history2 |
|--------------|-----|-------------|------------|----------|----------|----------|
| Silicon      | ppm | ASTM D5185m | >50        | <b>2</b> | 2        | 3        |
| Sodium       | ppm | ASTM D5185m |            | <b>6</b> | 3        | 0        |
| Potassium    | ppm | ASTM D5185m | >20        | <b>0</b> | 0        | <1       |

| FLUID DEGRADATION |          | method     | limit/base | current     | history1 | history2 |
|-------------------|----------|------------|------------|-------------|----------|----------|
| Acid Number (AN)  | mg KOH/g | ASTM D8045 |            | <b>0.32</b> | 0.29     | 0.33     |



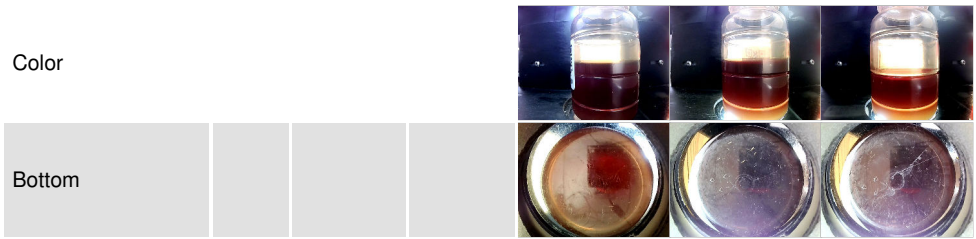
# OIL ANALYSIS REPORT



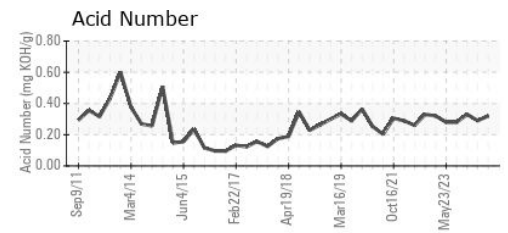
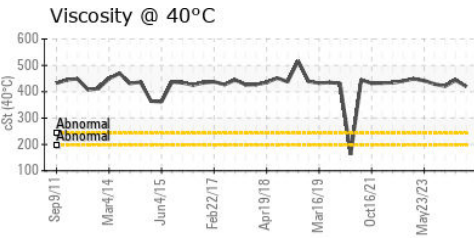
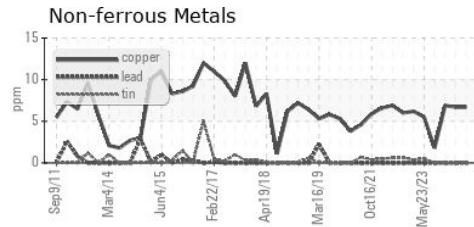
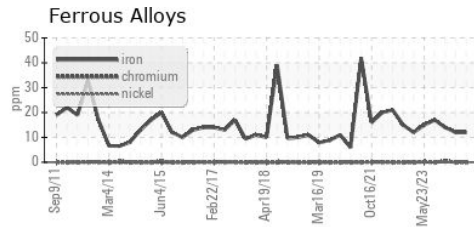
| VISUAL           | method | limit/base | current | history1 | history2 |
|------------------|--------|------------|---------|----------|----------|
| White Metal      | scalar | *Visual    | NONE    | NONE     | NONE     |
| Yellow Metal     | scalar | *Visual    | NONE    | NONE     | NONE     |
|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

| FLUID PROPERTIES | method | limit/base | current | history1 | history2 |
|------------------|--------|------------|---------|----------|----------|
| Visc @ 40°C      | cSt    | ASTM D445  | 420     | 444      | 421      |

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



## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0918524      **Received** : 26 Apr 2024  
**Lab Number** : 06161633      **Tested** : 29 Apr 2024  
**Unique Number** : 10997056      **Diagnosed** : 29 Apr 2024 - Wes Davis  
**Test Package** : IND 2

**LEPRINO FOODS - ALLENDALE**  
 4700 RICH STREET  
 ALLENDALE, MI  
 US 49401  
 Contact: BILL FERRIER  
 BFERRIER@LEPRINOFOODS.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)