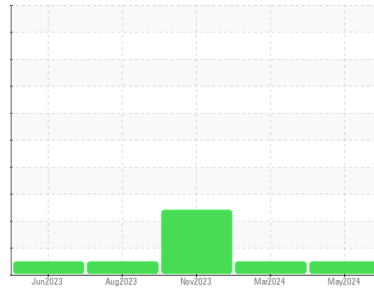




# GREASE ANALYSIS

Sample Rating Trend



**NORMAL**



Machine Id  
**LLENADORA LINEA 1 - MAIN BEARING**  
 Component  
**Grease**  
 Fluid  
**GREASE FOOD GRADE (--- QTS)**

## DIAGNOSIS

### Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please submit a sample of the new (unused) oil to establish a baseline.

### Wear

All component wear rates are normal.

### Grease Condition

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

### Contaminants

There is no indication of any contamination in the grease.

| SAMPLE INFORMATION |             | method      | limit/base | current            | history1    | history2    |
|--------------------|-------------|-------------|------------|--------------------|-------------|-------------|
| Sample Number      | Client Info |             |            | <b>JIC0001303</b>  | JIC0001298  | JIC0001043  |
| Sample Date        | Client Info |             |            | <b>20 May 2024</b> | 25 Mar 2024 | 20 Nov 2023 |
| Machine Age        | hrs         | Client Info |            | <b>0</b>           | 0           | 0           |
| Grease Age         | hrs         | Client Info |            | <b>0</b>           | 0           | 0           |
| Grease Serviced    | Client Info |             |            | <b>N/A</b>         | N/A         | N/A         |
| Sample Status      |             |             |            | <b>NORMAL</b>      | NORMAL      | ABNORMAL    |

| CONTAMINATION |           | method | limit/base | current    | history1 | history2 |
|---------------|-----------|--------|------------|------------|----------|----------|
| Water         | WC Method |        | >0.1       | <b>NEG</b> | NEG      | NEG      |

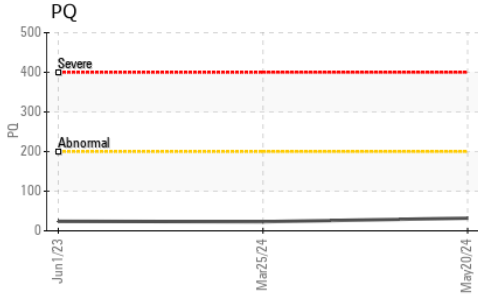
| WEAR METALS |     | method      | limit/base | current      | history1 | history2 |
|-------------|-----|-------------|------------|--------------|----------|----------|
| PQ          |     | ASTM D8184  | >200       | <b>32</b>    | 23       | ---      |
| Iron        | ppm | ASTM D5185m | >250       | <b>14</b>    | 2        | ▲ 579    |
| Chromium    | ppm | ASTM D5185m | >10        | <b>&lt;1</b> | 0        | ▲ 11     |
| Nickel      | ppm | ASTM D5185m | >5         | <b>&lt;1</b> | <1       | ▲ 5      |
| Cadmium     | ppm | ASTM D5185m |            | <b>0</b>     | 0        | 0        |
| Titanium    | ppm | ASTM D5185m |            | <b>&lt;1</b> | <1       | 14       |
| Vanadium    | ppm | ASTM D5185m |            | <b>0</b>     | <1       | <1       |
| Lead        | ppm | ASTM D5185m | >25        | <b>&lt;1</b> | 1        | 3        |
| Copper      | ppm | ASTM D5185m | >75        | <b>0</b>     | <1       | 13       |
| Tin         | ppm | ASTM D5185m | >5         | <b>17</b>    | 28       | 34       |
| Silver      | ppm | ASTM D5185m | >5         | <b>0</b>     | 0        | 0        |

| ADDITIVES  |     | method      | limit/base | current      | history1 | history2 |
|------------|-----|-------------|------------|--------------|----------|----------|
| Boron      | ppm | ASTM D5185m |            | <b>2</b>     | 4        | 8        |
| Magnesium  | ppm | ASTM D5185m |            | <b>&lt;1</b> | <1       | 7        |
| Manganese  | ppm | ASTM D5185m |            | <b>0</b>     | 0        | 6        |
| Molybdenum | ppm | ASTM D5185m |            | <b>0</b>     | 13       | 164      |
| Phosphorus | ppm | ASTM D5185m |            | <b>13</b>    | 16       | 22       |
| Zinc       | ppm | ASTM D5185m |            | <b>6</b>     | 8        | 46       |

| THICKENER/SOAP |     | method      | limit/base | current      | history1 | history2 |
|----------------|-----|-------------|------------|--------------|----------|----------|
| Aluminum       | ppm | ASTM D5185m |            | <b>6</b>     | 6        | <1       |
| Barium         | ppm | ASTM D5185m |            | <b>0</b>     | 0        | 0        |
| Calcium        | ppm | ASTM D5185m |            | <b>8</b>     | 21       | 85       |
| Sodium         | ppm | ASTM D5185m |            | <b>2</b>     | 4        | 15       |
| Lithium        | ppm | ASTM D5185m |            | <b>&lt;1</b> | 7        | 75       |
| Sulfur         | ppm | ASTM D5185m |            | <b>0</b>     | 0        | 37       |

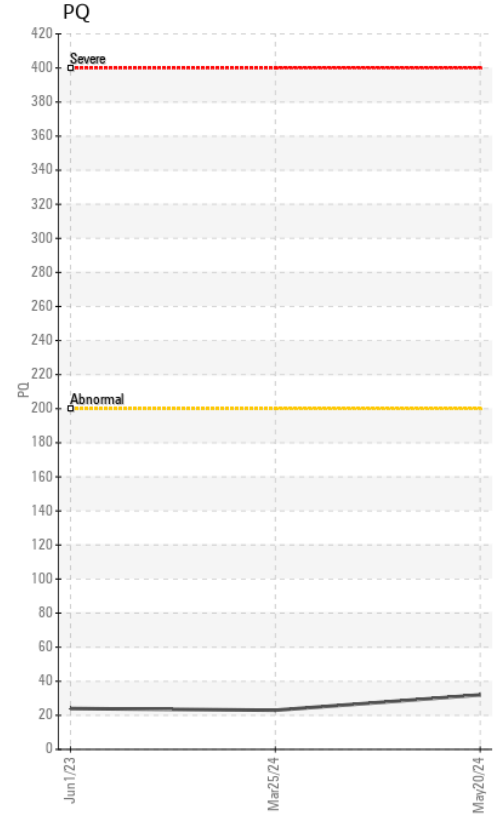
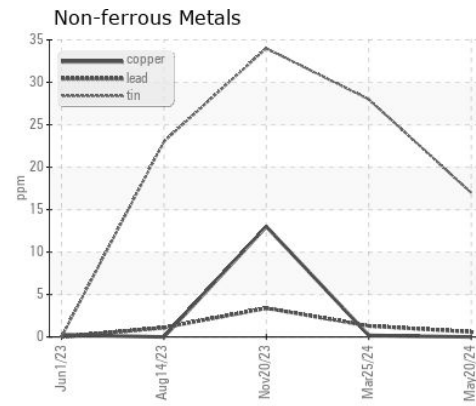
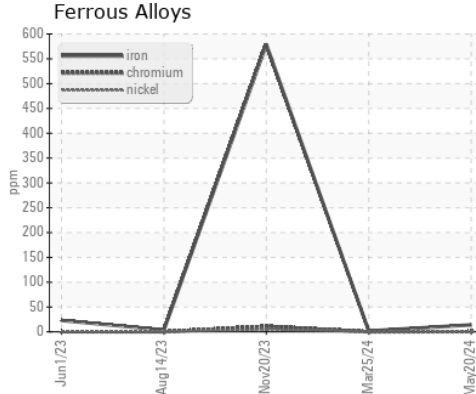
| CONTAMINANTS |     | method      | limit/base | current      | history1 | history2 |
|--------------|-----|-------------|------------|--------------|----------|----------|
| Silicon      | ppm | ASTM D5185m | >150       | <b>10478</b> | 10583    | 15116    |
| Potassium    | ppm | ASTM D5185m |            | <b>8</b>     | 6        | 20       |

# GREASE ANALYSIS



| SAMPLE IMAGES | method | limit/base | current | history1 | history2 |
|---------------|--------|------------|---------|----------|----------|
| Color         |        |            |         |          | no image |
| Bottom        |        |            |         |          | no image |

## GRAPHS



Certificate L2367

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)

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JIC0001303      **Received** : 28 May 2024  
**Lab Number** : 06193474      **Tested** : 05 Jun 2024  
**Unique Number** : 11050226      **Diagnosed** : 05 Jun 2024 - Doug Bogart  
**Test Package** : IND 2 ( Additional Tests: PQ )

**PET PLASTICS DBA BACPLAS**

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 US  
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 T: (787)739-7100  
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