



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

Machine Id  
**5017**  
Component  
**Hydraulic System**  
Fluid  
**{not provided} (--- GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please specify the brand, type, and viscosity of the oil on your next sample. Please contact your representative for information regarding the proper sampling kits for your service. NOTE: We recommend using MOB 2 test kits, this testkit includes Particle Count to determine the ISO cleanliness of the fluid.

**WEAR**

All component wear rates are normal.

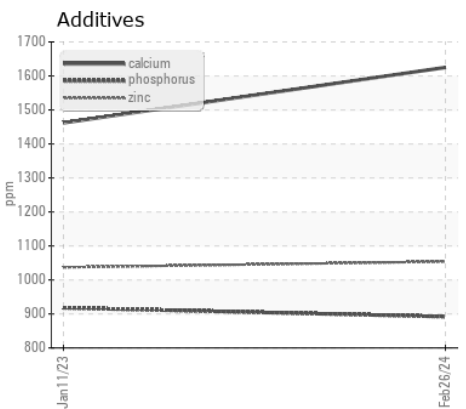
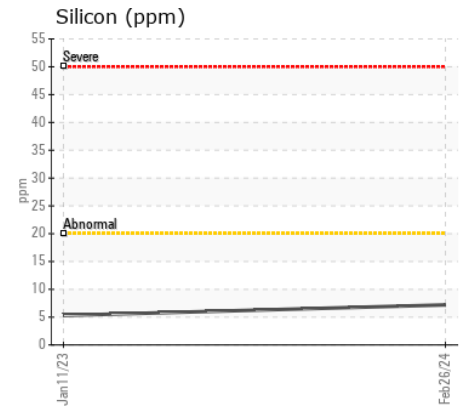
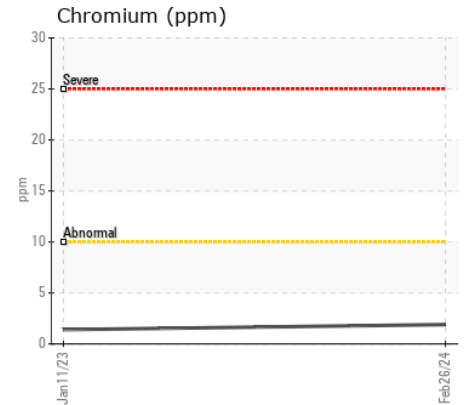
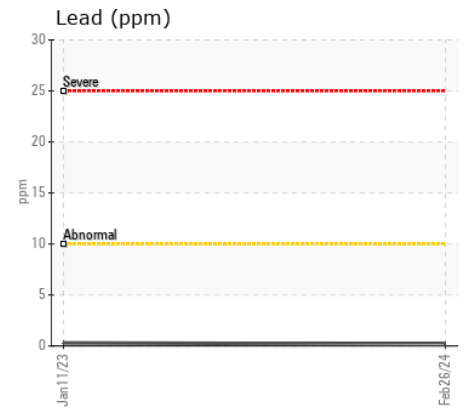
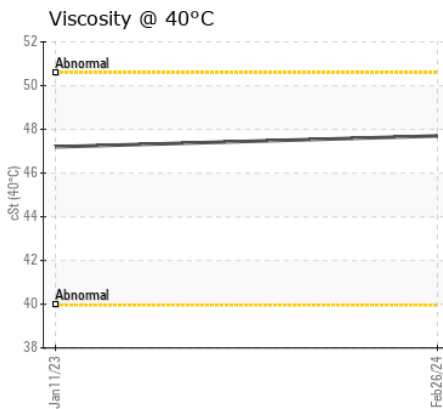
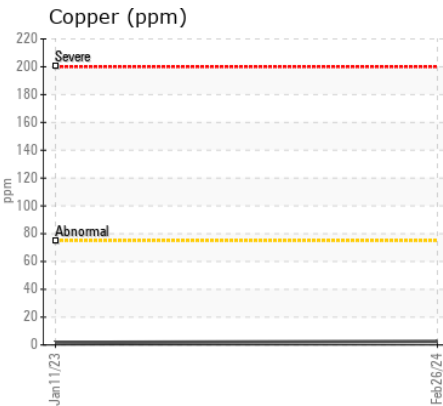
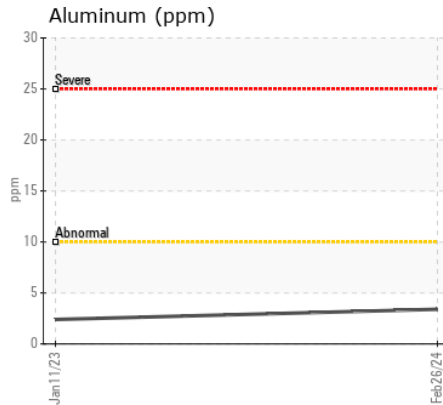
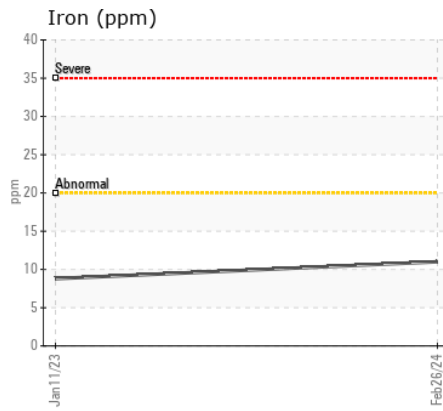
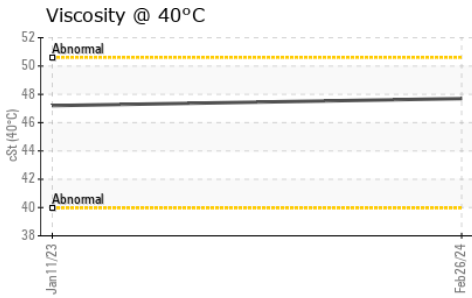
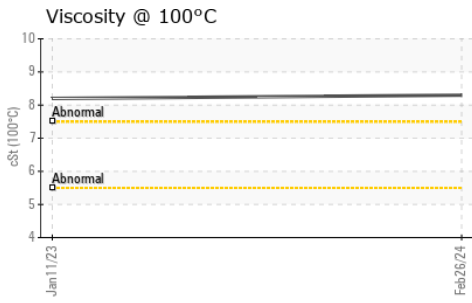
**CONTAMINATION**

There is no indication of any contamination in the component(unconfirmed).

**FLUID CONDITION**

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

| Test                 | UOM    | Method        | Limit/Abn | Current            | History1    | History2 |
|----------------------|--------|---------------|-----------|--------------------|-------------|----------|
| Sample Number        |        | Client Info   |           | <b>PC0084369</b>   | PC0067266   | ---      |
| Sample Date          |        | Client Info   |           | <b>26 Feb 2024</b> | 11 Jan 2023 | ---      |
| Machine Age          | hrs    | Client Info   |           | <b>21795</b>       | 19930       | ---      |
| Oil Age              | hrs    | Client Info   |           | <b>0</b>           | 0           | ---      |
| Filter Age           | hrs    | Client Info   |           | <b>0</b>           | 0           | ---      |
| Oil Changed          |        | Client Info   |           | <b>N/A</b>         | N/A         | ---      |
| Filter Changed       |        | Client Info   |           | <b>N/A</b>         | N/A         | ---      |
| Sample Status        |        |               |           | <b>NORMAL</b>      | NORMAL      | ---      |
| Iron                 | ppm    | ASTM D5185(m) | >20       | <b>11</b>          | 9           | ---      |
| Chromium             | ppm    | ASTM D5185(m) | >10       | <b>2</b>           | 1           | ---      |
| Nickel               | ppm    | ASTM D5185(m) | >10       | <b>&lt;1</b>       | 0           | ---      |
| Titanium             | ppm    | ASTM D5185(m) |           | <b>0</b>           | <1          | ---      |
| Silver               | ppm    | ASTM D5185(m) |           | <b>0</b>           | 0           | ---      |
| Aluminum             | ppm    | ASTM D5185(m) | >10       | <b>3</b>           | 2           | ---      |
| Lead                 | ppm    | ASTM D5185(m) | >10       | <b>&lt;1</b>       | <1          | ---      |
| Copper               | ppm    | ASTM D5185(m) | >75       | <b>2</b>           | 2           | ---      |
| Tin                  | ppm    | ASTM D5185(m) | >10       | <b>0</b>           | 0           | ---      |
| Vanadium             | ppm    | ASTM D5185(m) |           | <b>0</b>           | 0           | ---      |
| White Metal          | scalar | Visual*       | NONE      | <b>NONE</b>        | NONE        | ---      |
| Yellow Metal         | scalar | Visual*       | NONE      | <b>NONE</b>        | NONE        | ---      |
| Silicon              | ppm    | ASTM D5185(m) | >20       | <b>7</b>           | 5           | ---      |
| Potassium            | ppm    | ASTM D5185(m) | >20       | <b>2</b>           | 2           | ---      |
| Water                |        | WC Method     | >0.1      | <b>NEG</b>         | NEG         | ---      |
| Silt                 | scalar | Visual*       | NONE      | <b>NONE</b>        | NONE        | ---      |
| Debris               | scalar | Visual*       | NONE      | <b>NONE</b>        | NONE        | ---      |
| Sand/Dirt            | scalar | Visual*       | NONE      | <b>VLITE</b>       | NONE        | ---      |
| Appearance           | scalar | Visual*       | NORML     | <b>NORML</b>       | NORML       | ---      |
| Odor                 | scalar | Visual*       | NORML     | <b>NORML</b>       | NORML       | ---      |
| Emulsified Water     | scalar | Visual*       | >0.1      | <b>NEG</b>         | NEG         | ---      |
| Sodium               | ppm    | ASTM D5185(m) |           | <b>6</b>           | 4           | ---      |
| Boron                | ppm    | ASTM D5185(m) |           | <b>4</b>           | 3           | ---      |
| Barium               | ppm    | ASTM D5185(m) |           | <b>&lt;1</b>       | 0           | ---      |
| Molybdenum           | ppm    | ASTM D5185(m) |           | <b>4</b>           | 4           | ---      |
| Manganese            | ppm    | ASTM D5185(m) |           | <b>0</b>           | <1          | ---      |
| Magnesium            | ppm    | ASTM D5185(m) |           | <b>65</b>          | 51          | ---      |
| Calcium              | ppm    | ASTM D5185(m) |           | <b>1625</b>        | 1462        | ---      |
| Phosphorus           | ppm    | ASTM D5185(m) |           | <b>892</b>         | 918         | ---      |
| Zinc                 | ppm    | ASTM D5185(m) |           | <b>1054</b>        | 1037        | ---      |
| Sulfur               | ppm    | ASTM D5185(m) |           | <b>2960</b>        | 2666        | ---      |
| Visc @ 40°C          | cSt    | ASTM D7279(m) |           | <b>47.7</b>        | 47.2        | ---      |
| Visc @ 100°C         | cSt    | ASTM D7279(m) |           | <b>8.3</b>         | 8.2         | ---      |
| Viscosity Index (VI) | Scale  | ASTM D2270*   |           | <b>149</b>         | 148         | ---      |



ISO 17025:2017  
Accredited  
Laboratory

**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

**Sample No.** : PC0084369

**Lab Number** : 02618407

**Unique Number** : 5735517

**Test Package** : MOB 1 ( Additional Tests: KV100, VI )

**Received** : 27 Feb 2024

**Tested** : 27 Feb 2024

**Diagnosed** : 27 Feb 2024 - Kevin Marson

**LES ENTREPRISES MICHAUVILLE INC.**

270 RUE BRUNET

MONT ST-HILAIRE, QC

CA J3H 0M6

Contact: Martin Trudel

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T:

F:

To discuss this sample report, contact Customer Service at 1-800-268-2131.

Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.

Validity of results and interpretation are based on the sample and information as supplied.