



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



Machine Id  
**FREIGHTLINER 813084**  
Component  
**Transmission (Auto)**  
Fluid  
**PETRO CANADA DuraDrive HD Synthetic 668 (--- LTR)**

### RECOMMENDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

| Test           | UOM | Method      | Limit/Abn | Current            | History1    | History2    |
|----------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number  |     | Client Info |           | <b>GFL0113452</b>  | GFL0091136  | PC0069657   |
| Sample Date    |     | Client Info |           | <b>10 Mar 2024</b> | 18 Oct 2023 | 31 May 2023 |
| Machine Age    | hrs | Client Info |           | <b>2046</b>        | 1465        | 594         |
| Oil Age        | hrs | Client Info |           | <b>2046</b>        | 1465        | 594         |
| Filter Age     | hrs | Client Info |           | <b>581</b>         | 1465        | 594         |
| Oil Changed    |     | Client Info |           | <b>Not Changed</b> | Not Changed | Changed     |
| Filter Changed |     | Client Info |           | <b>Changed</b>     | Changed     | Changed     |
| Sample Status  |     |             |           | <b>NORMAL</b>      | NORMAL      | NORMAL      |

### WEAR

Les taux d'usure de tous les composants sont normaux.

|              |        |               |      |              |      |      |
|--------------|--------|---------------|------|--------------|------|------|
| Iron         | ppm    | ASTM D5185(m) | >160 | <b>80</b>    | 83   | 47   |
| Chromium     | ppm    | ASTM D5185(m) | >5   | <b>0</b>     | <1   | 0    |
| Nickel       | ppm    | ASTM D5185(m) | >5   | <b>&lt;1</b> | <1   | <1   |
| Titanium     | ppm    | ASTM D5185(m) |      | <b>0</b>     | 0    | 0    |
| Silver       | ppm    | ASTM D5185(m) | >5   | <b>0</b>     | <1   | 0    |
| Aluminum     | ppm    | ASTM D5185(m) | >50  | <b>29</b>    | 25   | 12   |
| Lead         | ppm    | ASTM D5185(m) | >50  | <b>6</b>     | 6    | 2    |
| Copper       | ppm    | ASTM D5185(m) | >225 | <b>7</b>     | 8    | 6    |
| Tin          | ppm    | ASTM D5185(m) | >10  | <b>1</b>     | 1    | <1   |
| Vanadium     | ppm    | ASTM D5185(m) |      | <b>0</b>     | 0    | 0    |
| White Metal  | scalar | Visual*       | NONE | <b>NONE</b>  | NONE | NONE |
| Yellow Metal | scalar | Visual*       | NONE | <b>NONE</b>  | NONE | NONE |

### CONTAMINATION

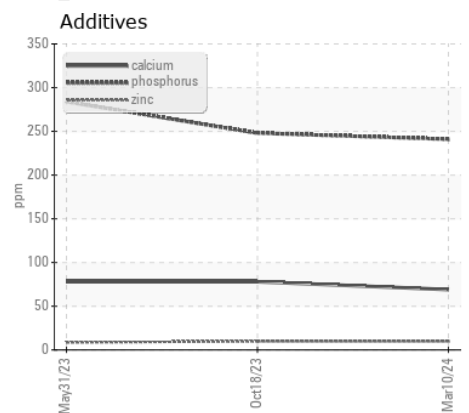
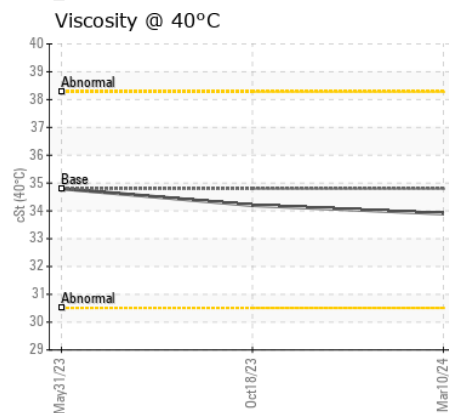
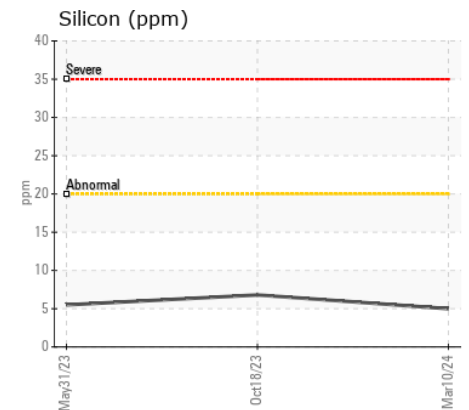
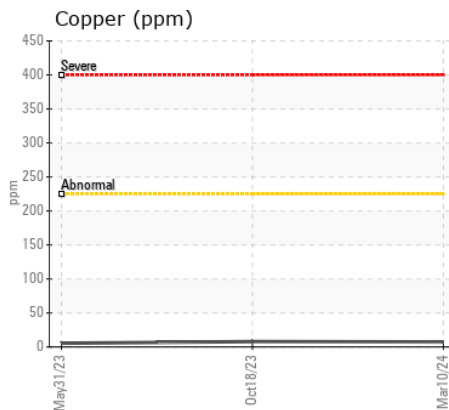
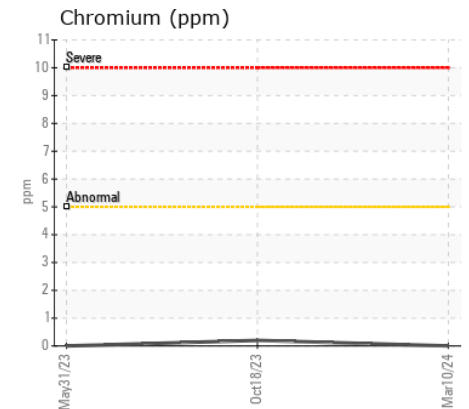
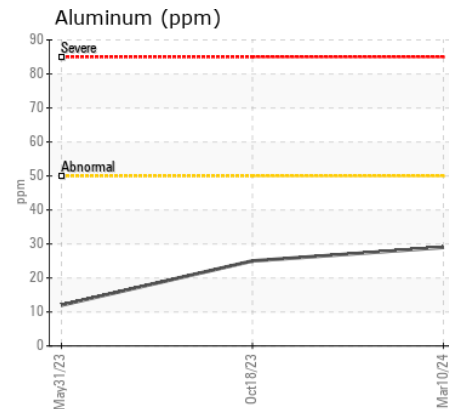
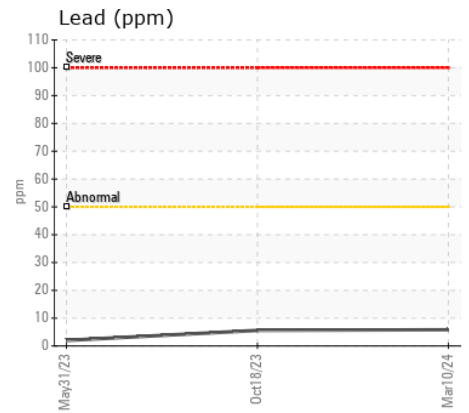
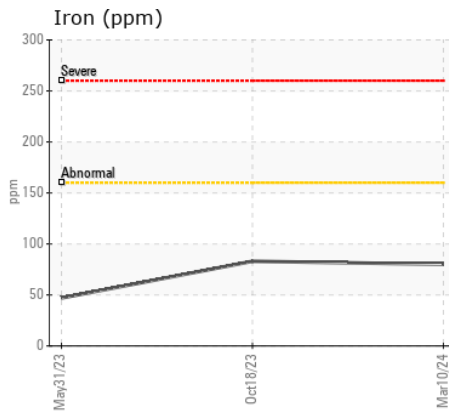
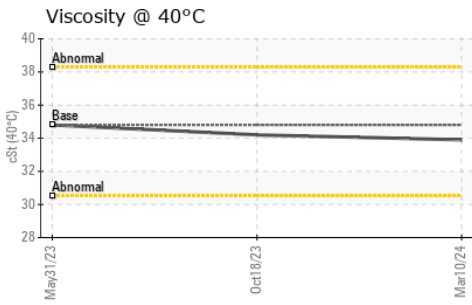
Il n'y a aucun indice de contamination dans le fluide.

|                  |        |               |       |              |       |       |
|------------------|--------|---------------|-------|--------------|-------|-------|
| Silicon          | ppm    | ASTM D5185(m) | >20   | <b>5</b>     | 7     | 6     |
| Potassium        | ppm    | ASTM D5185(m) | >20   | <b>4</b>     | 3     | 3     |
| Water            |        | WC Method     | >0.1  | <b>NEG</b>   | NEG   | NEG   |
| Silt             | scalar | Visual*       | NONE  | <b>NONE</b>  | NONE  | NONE  |
| Debris           | scalar | Visual*       | NONE  | <b>VLITE</b> | VLITE | 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*       | >0.1  | <b>NEG</b>   | NEG   | NEG   |

### FLUID CONDITION

L'état de le fluide est acceptable pour la durée de service.

|             |     |               |      |              |      |      |
|-------------|-----|---------------|------|--------------|------|------|
| Sodium      | ppm | ASTM D5185(m) |      | <b>7</b>     | 7    | 5    |
| Boron       | ppm | ASTM D5185(m) | 78   | <b>74</b>    | 77   | 83   |
| Barium      | ppm | ASTM D5185(m) |      | <b>&lt;1</b> | <1   | <1   |
| Molybdenum  | ppm | ASTM D5185(m) | 0    | <b>0</b>     | 0    | <1   |
| Manganese   | ppm | ASTM D5185(m) |      | <b>1</b>     | 2    | 2    |
| Magnesium   | ppm | ASTM D5185(m) | 0    | <b>3</b>     | 2    | 2    |
| Calcium     | ppm | ASTM D5185(m) | 113  | <b>69</b>    | 78   | 78   |
| Phosphorus  | ppm | ASTM D5185(m) | 222  | <b>241</b>   | 248  | 284  |
| Zinc        | ppm | ASTM D5185(m) |      | <b>10</b>    | 10   | 8    |
| Sulfur      | ppm | ASTM D5185(m) | 1326 | <b>1057</b>  | 1091 | 1130 |
| Visc @ 40°C | cSt | ASTM D7279(m) | 34.8 | <b>33.9</b>  | 34.2 | 34.8 |



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0113452  
**Lab Number** : 02627406  
**Unique Number** : 5760538  
**Test Package** : MOB 1

**GFL Environmental 791MAT - Matane**  
 29 rue Brilliant  
 Matane, QC  
 CA G4W 0J7  
 Contact: B Berube  
 bberube@matrec.ca

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.

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F: