



|                |               |
|----------------|---------------|
| USURE          | <b>NORMAL</b> |
| CONTAMINATION  | <b>NORMAL</b> |
| ÉTAT DU FLUIDE | <b>NORMAL</b> |

Identité de la machine

**FREIGHTLINER 1085**

Composant

**Moteur diesel**

Fluid

**PETRO CANADA DURON SHP 10W30 (--- GAL)**

**RECOMMANDATION**

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

| Test                | UOM | Method      | Limit/Abn | Current            | History1    | History2    |
|---------------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Numéro d'échant.    |     | Client Info |           | <b>PC0082311</b>   | PC0082559   | PC0075437   |
| Date d'échant.      |     | Client Info |           | <b>30 Jan 2024</b> | 30 Oct 2023 | 18 Apr 2023 |
| Âge d la Machine    | kms | Client Info |           | <b>363097</b>      | 351793      | 0           |
| Âge de l'huile      | kms | Client Info |           | <b>36010</b>       | 24706       | 327087      |
| Âge du filtre       | kms | Client Info |           | <b>36010</b>       | 24706       | 327087      |
| Huile changée       |     | Client Info |           | <b>Changed</b>     | Not Changd  | Changed     |
| Filtre changé       |     | Client Info |           | <b>Changed</b>     | Not Changd  | Changed     |
| Statut de l'échant. |     |             |           | <b>NORMAL</b>      | NORMAL      | NORMAL      |

**USURE**

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

|             |        |               |      |              |       |      |
|-------------|--------|---------------|------|--------------|-------|------|
| Fer         | ppm    | ASTM D5185(m) | >80  | <b>32</b>    | 20    | 3    |
| Chrome      | ppm    | ASTM D5185(m) | >5   | <b>1</b>     | <1    | 0    |
| Nickel      | ppm    | ASTM D5185(m) | >2   | <b>&lt;1</b> | <1    | 0    |
| Titane      | ppm    | ASTM D5185(m) |      | <b>0</b>     | 0     | 0    |
| Argent      | ppm    | ASTM D5185(m) | >3   | <b>0</b>     | <1    | <1   |
| Aluminium   | ppm    | ASTM D5185(m) | >30  | <b>8</b>     | 7     | 2    |
| Plomb       | ppm    | ASTM D5185(m) | >30  | <b>0</b>     | 0     | 0    |
| Cuivre      | ppm    | ASTM D5185(m) | >150 | <b>3</b>     | 2     | <1   |
| Étain       | ppm    | ASTM D5185(m) | >5   | <b>0</b>     | 0     | 0    |
| Vanadium    | ppm    | ASTM D5185(m) |      | <b>0</b>     | 0     | 0    |
| Métal blanc | scalar | Visual*       | NONE | <b>NONE</b>  | VLITE | NONE |
| Bronze      | scalar | Visual*       | NONE | <b>NONE</b>  | NONE  | NONE |

**CONTAMINATION**

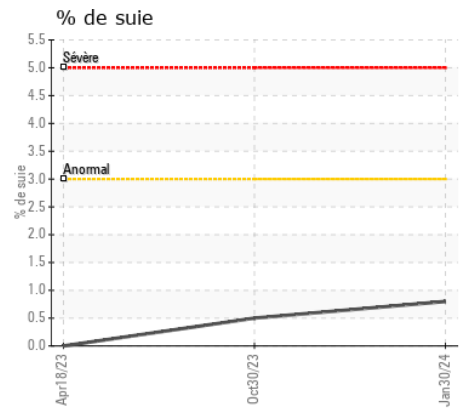
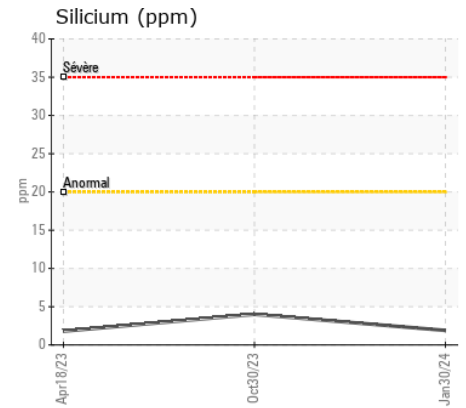
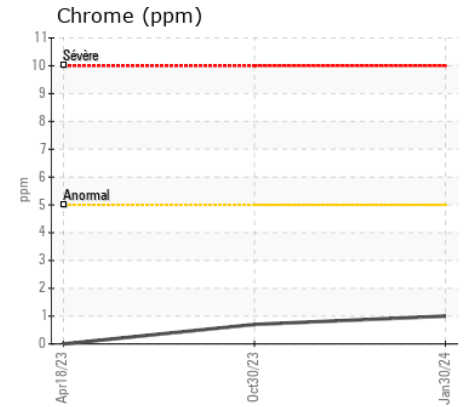
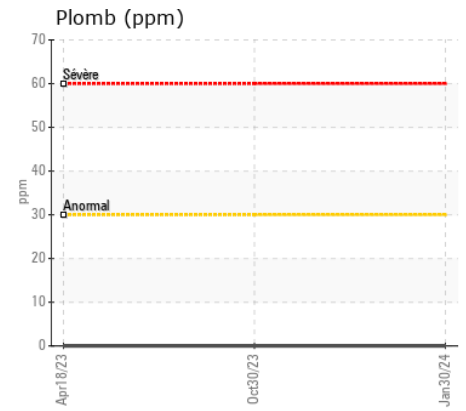
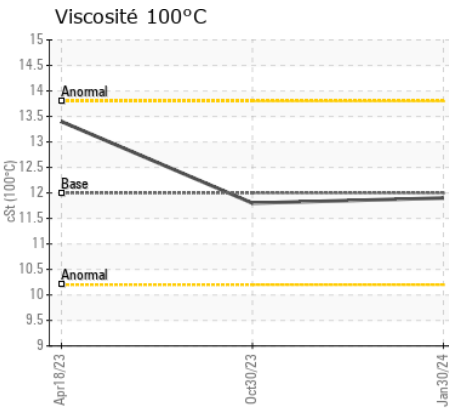
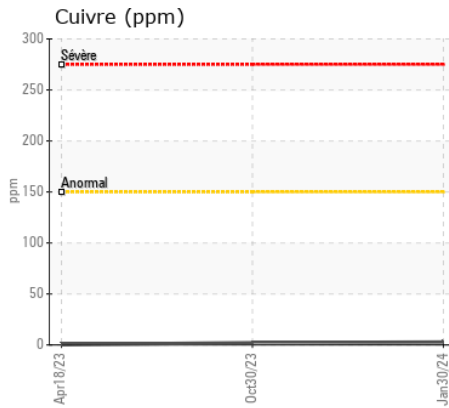
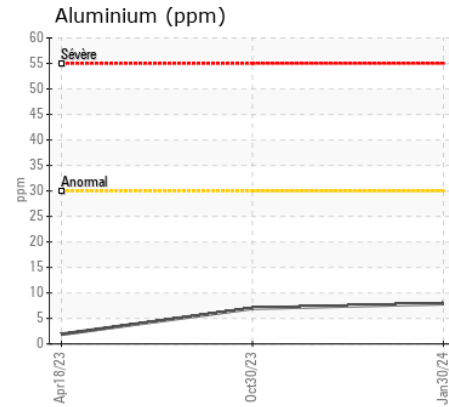
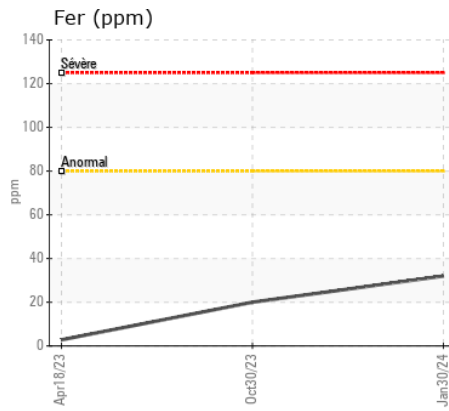
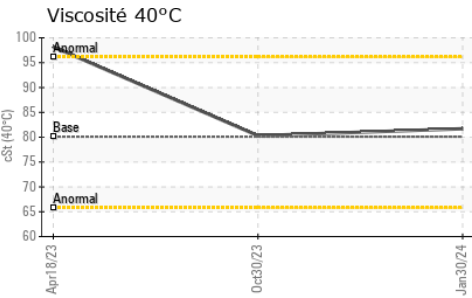
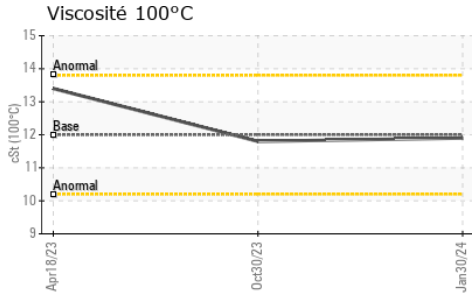
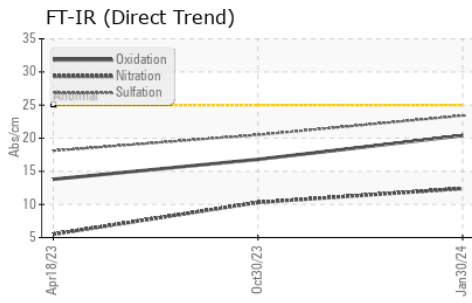
Il n'y a aucun indice de contamination dans l'huile.

|                |          |               |       |                |       |       |
|----------------|----------|---------------|-------|----------------|-------|-------|
| Silicium       | ppm      | ASTM D5185(m) | >20   | <b>2</b>       | 4     | 2     |
| Potassium      | ppm      | ASTM D5185(m) | >20   | <b>2</b>       | 1     | <1    |
| Essence        |          | WC Method     | >5    | <b>&lt;1.0</b> | <1.0  | <1.0  |
| L'eau          |          | WC Method     | >0.2  | <b>NEG</b>     | NEG   | NEG   |
| Glycol         |          | WC Method     |       | <b>NEG</b>     | NEG   | NEG   |
| % de suie      | %        | ASTM D7844*   | >3    | <b>0.8</b>     | 0.5   | 0     |
| Nitration      | Abs/cm   | ASTM D7624*   | >20   | <b>12.4</b>    | 10.3  | 5.5   |
| Sulfatation    | Abs/.1mm | ASTM D7415*   | >30   | <b>23.4</b>    | 20.5  | 18.1  |
| Limon          | scalar   | Visual*       | NONE  | <b>NONE</b>    | NONE  | NONE  |
| Débris         | scalar   | Visual*       | NONE  | <b>VLITE</b>   | NONE  | NONE  |
| Saleté         | scalar   | Visual*       | NONE  | <b>NONE</b>    | NONE  | NONE  |
| Apparence      | scalar   | Visual*       | NORML | <b>NORML</b>   | NORML | NORML |
| Odeur          | scalar   | Visual*       | NORML | <b>NORML</b>   | NORML | NORML |
| Eau émulsifiée | scalar   | Visual*       | >0.2  | <b>NEG</b>     | NEG   | NEG   |

**ÉTAT DU FLUIDE**

L'état de l'huile est acceptable pour la durée de service.

|                          |          |               |       |             |      |      |
|--------------------------|----------|---------------|-------|-------------|------|------|
| Sodium                   | ppm      | ASTM D5185(m) |       | <b>3</b>    | 3    | 1    |
| Bore                     | ppm      | ASTM D5185(m) | 2     | <b>1</b>    | 2    | 5    |
| Baryum                   | ppm      | ASTM D5185(m) | 0     | <b>0</b>    | 0    | 0    |
| Molybdène                | ppm      | ASTM D5185(m) | 50    | <b>62</b>   | 59   | 59   |
| Manganèse                | ppm      | ASTM D5185(m) | 0     | <b>0</b>    | 0    | <1   |
| Magnésium                | ppm      | ASTM D5185(m) | 950   | <b>976</b>  | 951  | 960  |
| Calcium                  | ppm      | ASTM D5185(m) | 1050  | <b>1082</b> | 1077 | 1099 |
| Phosphore                | ppm      | ASTM D5185(m) | 995   | <b>948</b>  | 1009 | 1103 |
| Zinc                     | ppm      | ASTM D5185(m) | 1180  | <b>1204</b> | 1169 | 1182 |
| Soufre                   | ppm      | ASTM D5185(m) | 2600  | <b>2399</b> | 2584 | 2759 |
| Oxydation                | Abs/.1mm | ASTM D7414*   | >25   | <b>20.4</b> | 16.8 | 13.8 |
| Visc 40°C                | cSt      | ASTM D7279(m) | 80.1  | <b>81.7</b> | 80.3 | 98.2 |
| Visc 100°C               | cSt      | ASTM D7279(m) | 12.00 | <b>11.9</b> | 11.8 | 13.4 |
| Indice de viscosité (VI) | Scale    | ASTM D2270*   | 144   | <b>139</b>  | 140  | 135  |



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0082311  
**N° de laboratoire** : 02627224  
**Numéro unique** : 5760356  
**Analyse** : MOB 1 ( Additional Tests: KV40, VI, Visual )

**Reçu** : 08 Apr 2024  
**Tested** : 08 Apr 2024  
**Diagnostiqué** : 08 Apr 2024 - Wes Davis

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Pour discuter ce rapport, contacter le service à la clientèle au 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada.