



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



Identité de la machine

**701052**

Composant

**Moteur diesel**

Fluide

**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>GFL0087547</b>  | GFL0079480  | GFL0062131  |
| Date d'échant.      |     | Client Info |           | <b>17 Jul 2023</b> | 02 Jun 2023 | 07 Dec 2022 |
| Âge d la Machine    | kms | Client Info |           | <b>176233</b>      | 12572       | 11633       |
| Âge de l'huile      | kms | Client Info |           | <b>0</b>           | 0           | 500         |
| Âge du filtre       | kms | Client Info |           | <b>0</b>           | 0           | 500         |
| Huile changée       |     | Client Info |           | <b>Changed</b>     | N/A         | N/A         |
| Filtre changé       |     | Client Info |           | <b>Changed</b>     | N/A         | N/A         |
| 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) | >65  | <b>5</b>     | 15 | 16 |
| Chrome    | ppm | ASTM D5185(m) | >5   | <b>&lt;1</b> | 2  | 2  |
| Nickel    | ppm | ASTM D5185(m) | >3   | <b>0</b>     | 0  | 0  |
| Titane    | ppm | ASTM D5185(m) | >5   | <b>0</b>     | 0  | 0  |
| Argent    | ppm | ASTM D5185(m) | >2   | <b>0</b>     | 0  | 0  |
| Aluminium | ppm | ASTM D5185(m) | >35  | <b>2</b>     | 9  | 12 |
| Plomb     | ppm | ASTM D5185(m) | >10  | <b>0</b>     | 0  | 0  |
| Cuivre    | ppm | ASTM D5185(m) | >180 | <b>2</b>     | 2  | 2  |
| Étain     | ppm | ASTM D5185(m) | >8   | <b>0</b>     | 0  | 0  |
| Vanadium  | ppm | ASTM D5185(m) |      | <b>0</b>     | 0  | 0  |

**CONTAMINATION**

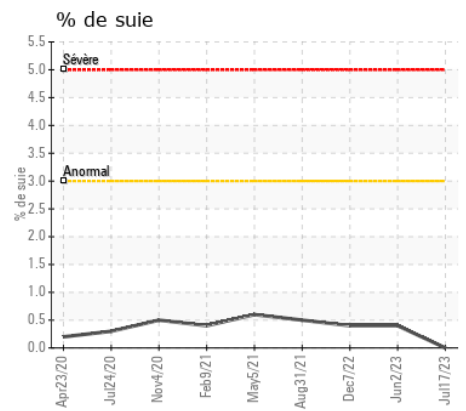
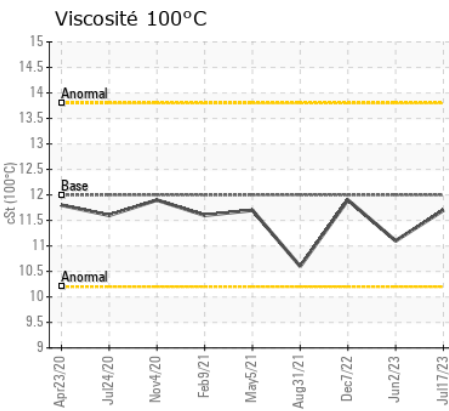
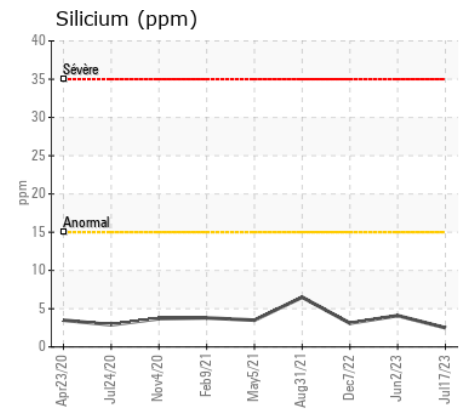
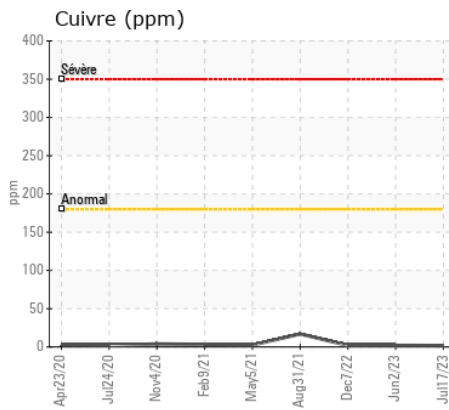
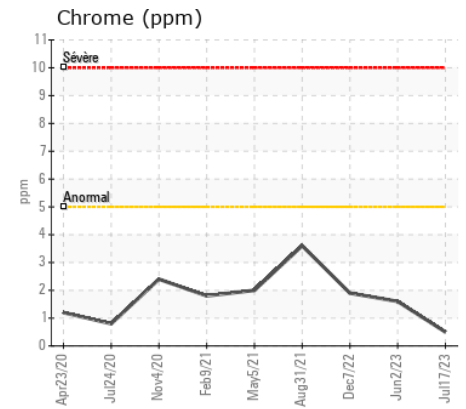
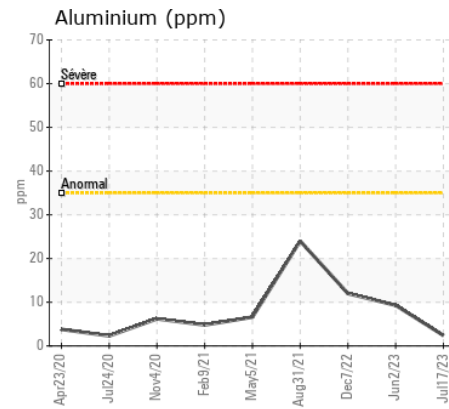
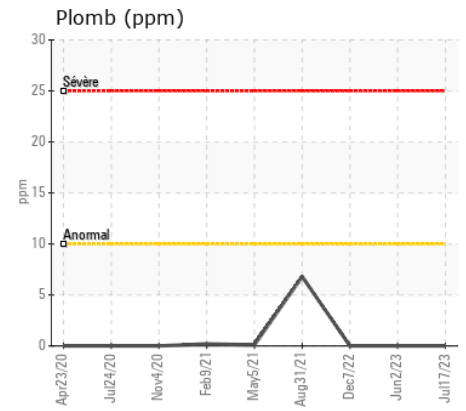
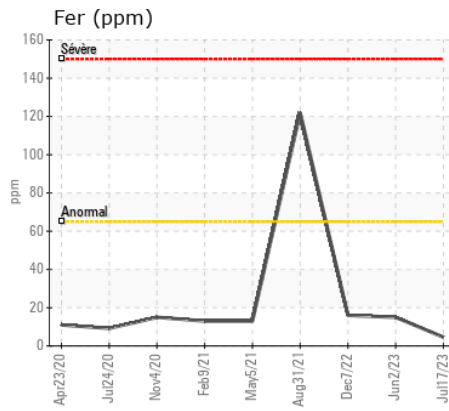
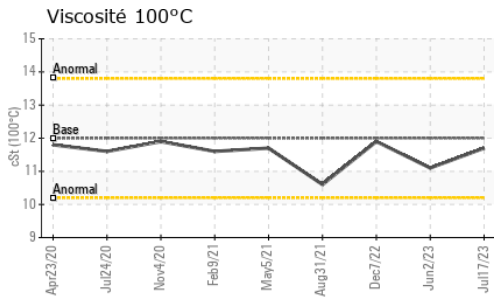
Il n'y a aucun indice de contamination dans l'huile.

|                |          |               |      |                |      |      |
|----------------|----------|---------------|------|----------------|------|------|
| Silicium       | ppm      | ASTM D5185(m) | >15  | <b>2</b>       | 4    | 3    |
| Potassium      | ppm      | ASTM D5185(m) | >20  | <b>2</b>       | 11   | 17   |
| Essence        |          | WC Method     | >3.0 | <b>&lt;1.0</b> | <1.0 | <1.0 |
| Glycol         |          | WC Method     |      | <b>NEG</b>     | NEG  | NEG  |
| % de suie      | %        | ASTM D7844*   | >3   | <b>0</b>       | 0.4  | 0.4  |
| Nitration      | Abs/cm   | ASTM D7624*   | >20  | <b>5.0</b>     | 7.9  | 7.1  |
| Sulfatation    | Abs/.1mm | ASTM D7415*   | >30  | <b>18.0</b>    | 18.7 | 20.2 |
| 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>1</b>     | 2    | 2    |
| Bore       | ppm      | ASTM D5185(m) | 2     | <b>4</b>     | 20   | 2    |
| Baryum     | ppm      | ASTM D5185(m) | 0     | <b>0</b>     | 0    | 0    |
| Molybdène  | ppm      | ASTM D5185(m) | 50    | <b>57</b>    | 66   | 58   |
| Manganèse  | ppm      | ASTM D5185(m) | 0     | <b>&lt;1</b> | <1   | <1   |
| Magnésium  | ppm      | ASTM D5185(m) | 950   | <b>917</b>   | 602  | 951  |
| Calcium    | ppm      | ASTM D5185(m) | 1050  | <b>1079</b>  | 1329 | 1069 |
| Phosphore  | ppm      | ASTM D5185(m) | 995   | <b>1075</b>  | 1009 | 1053 |
| Zinc       | ppm      | ASTM D5185(m) | 1180  | <b>1166</b>  | 1108 | 1166 |
| Soufre     | ppm      | ASTM D5185(m) | 2600  | <b>2646</b>  | 2636 | 2582 |
| Oxydation  | Abs/.1mm | ASTM D7414*   | >25   | <b>12.9</b>  | 13.5 | 14.4 |
| Visc 100°C | cSt      | ASTM D7279(m) | 12.00 | <b>11.7</b>  | 11.1 | 11.9 |



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 747 - GMA - Solid Waste  
**N° d'échantillon** : GFL0087547 **Reçu** : 20 Jul 2023  
**N° de laboratoire** : 02571099 **Diagnostiqué** : 20 Jul 2023  
**Numéro unique** : 5616150 **Diagnostiqueur** : Wes Davis  
**Analyse** : MOB 1

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.

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