



Identité de la machine

**6023**

Composant

**Moteur diesel Arrière**

Fluide

**PETRO CANADA DURON HP 15W40 (19 LTR)**

**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>PC0074166</b>   | PC0073445   | PC0074553   |
| Date d'échant.      |     | Client Info |           | <b>03 Oct 2023</b> | 14 Aug 2023 | 07 Jul 2023 |
| Âge d la Machine    | kms | Client Info |           | <b>0</b>           | 0           | 465167      |
| Âge de l'huile      | kms | Client Info |           | <b>8671</b>        | 6239        | 7386        |
| Âge du filtre       | kms | Client Info |           | <b>8671</b>        | 6239        | 7386        |
| Huile changée       |     | Client Info |           | <b>Changed</b>     | Changed     | Changed     |
| Filtre changé       |     | Client Info |           | <b>Changed</b>     | Changed     | Changed     |
| Statut de l'échant. |     |             |           | <b>NORMAL</b>      | MARGINAL    | ABNORMAL    |

**USURE**

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

|           |     |               |      |              |    |    |
|-----------|-----|---------------|------|--------------|----|----|
| Fer       | ppm | ASTM D5185(m) | >130 | <b>36</b>    | 26 | 19 |
| Chrome    | ppm | ASTM D5185(m) | >10  | <b>&lt;1</b> | <1 | 0  |
| Nickel    | ppm | ASTM D5185(m) | >4   | <b>0</b>     | 0  | 0  |
| Titane    | ppm | ASTM D5185(m) | >2   | <b>0</b>     | 0  | 0  |
| Argent    | ppm | ASTM D5185(m) | >2   | <b>&lt;1</b> | 0  | 0  |
| Aluminium | ppm | ASTM D5185(m) | >20  | <b>3</b>     | 2  | 2  |
| Plomb     | ppm | ASTM D5185(m) | >20  | <b>0</b>     | 0  | <1 |
| Cuivre    | ppm | ASTM D5185(m) | >125 | <b>&lt;1</b> | <1 | <1 |
| Étain     | ppm | ASTM D5185(m) | >4   | <b>0</b>     | 0  | <1 |
| Vanadium  | ppm | ASTM D5185(m) |      | <b>0</b>     | 0  | 0  |

**CONTAMINATION**

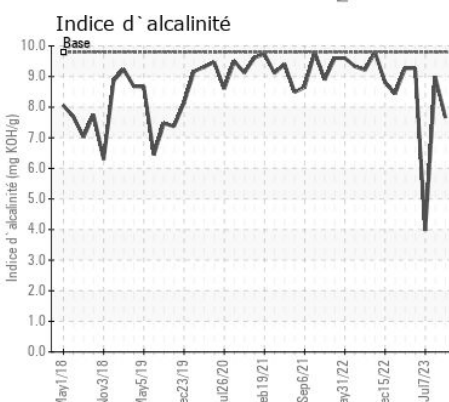
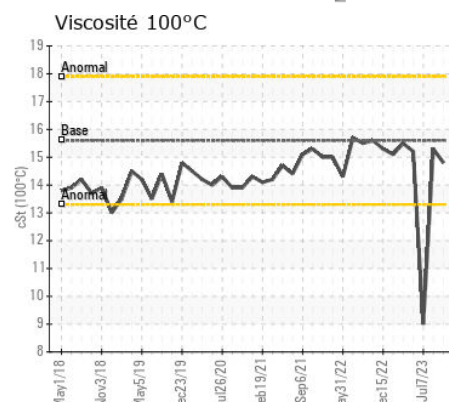
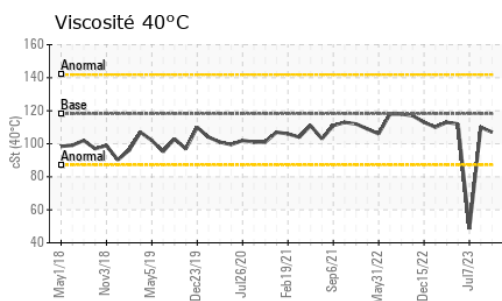
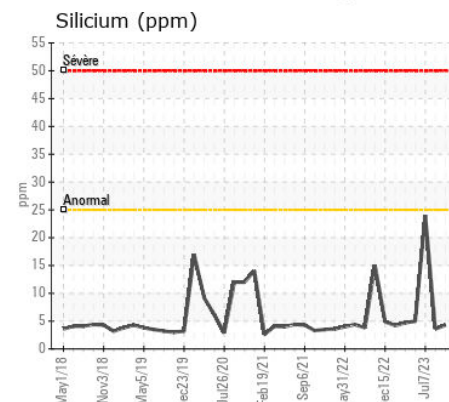
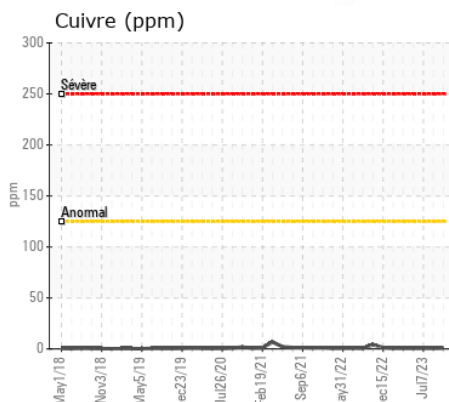
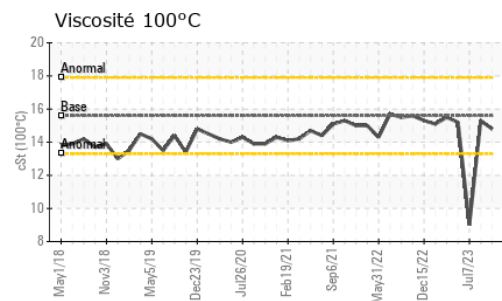
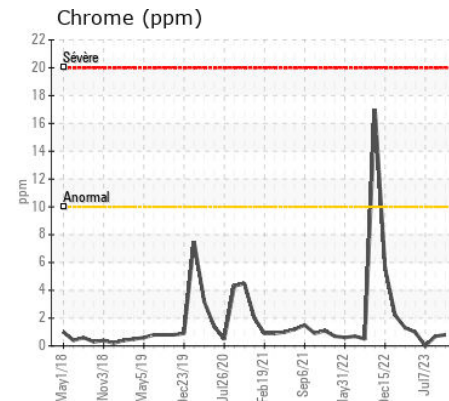
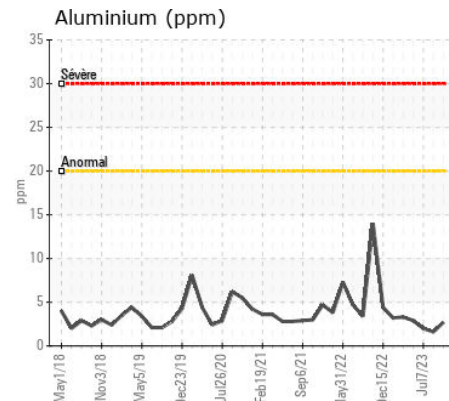
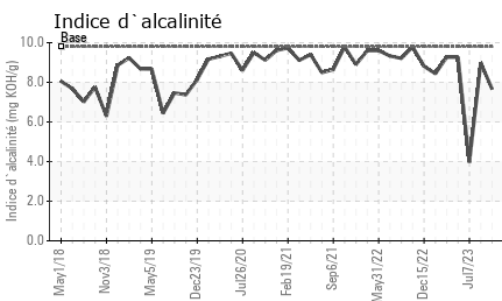
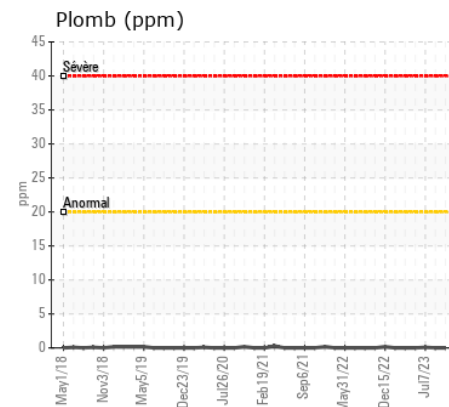
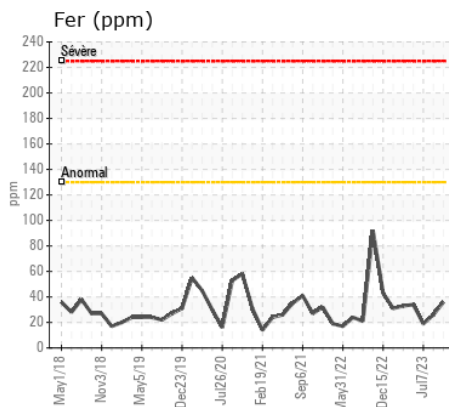
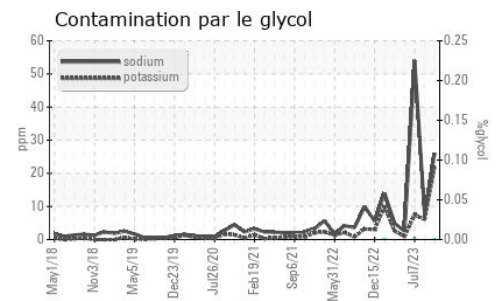
Il n'y a aucun indice de contamination dans l'huile.

|                |          |               |      |                |       |       |
|----------------|----------|---------------|------|----------------|-------|-------|
| Silicium       | ppm      | ASTM D5185(m) | >25  | <b>4</b>       | 4     | 24    |
| Potassium      | ppm      | ASTM D5185(m) | >20  | <b>22</b>      | 6     | 7     |
| Essence        |          | WC Method     | >3.0 | <b>&lt;1.0</b> | ▲ 1.7 | ▲ 3.5 |
| Glycol         | %        | ASTM D7922*   |      | <b>0.0</b>     | NEG   | 0.0   |
| % de suie      | %        | ASTM D7844*   | >6   | <b>3.2</b>     | 2.5   | 0     |
| Nitration      | Abs/cm   | ASTM D7624*   | >20  | <b>12.2</b>    | 9.6   | 12.8  |
| Sulfatation    | Abs/.1mm | ASTM D7415*   | >30  | <b>26.2</b>    | 24.8  | 25.4  |
| Eau émulsifiée | scalar   | Visual*       | >0.2 | <b>NEG</b>     | NEG   | NEG   |

**ÉTAT DU FLUIDE**

Le résultat pour le BN indique que la réserve d'alcalinité est acceptable pour l'huile. L'état de l'huile permet d'en prolonger l'utilisation.

|                          |          |               |       |              |      |        |
|--------------------------|----------|---------------|-------|--------------|------|--------|
| Sodium                   | ppm      | ASTM D5185(m) |       | <b>26</b>    | 8    | 54     |
| Bore                     | ppm      | ASTM D5185(m) | 0     | <b>2</b>     | 1    | 57     |
| Baryum                   | ppm      | ASTM D5185(m) | 0     | <b>&lt;1</b> | 0    | 0      |
| Molybdène                | ppm      | ASTM D5185(m) | 60    | <b>61</b>    | 58   | 65     |
| Manganèse                | ppm      | ASTM D5185(m) | 0     | <b>0</b>     | <1   | <1     |
| Magnésium                | ppm      | ASTM D5185(m) | 1010  | <b>959</b>   | 957  | 490    |
| Calcium                  | ppm      | ASTM D5185(m) | 1070  | <b>1026</b>  | 1025 | 1166   |
| Phosphore                | ppm      | ASTM D5185(m) | 1150  | <b>986</b>   | 1021 | 716    |
| Zinc                     | ppm      | ASTM D5185(m) | 1270  | <b>1173</b>  | 1171 | 731    |
| Soufre                   | ppm      | ASTM D5185(m) | 2060  | <b>2357</b>  | 2443 | 2372   |
| Oxydation                | Abs/.1mm | ASTM D7414*   | >25   | <b>17.4</b>  | 15.4 | 17.2   |
| Indice d'alcalinité      | mg KOH/g | ASTM D2896*   | 9.8   | <b>7.66</b>  | 8.99 | 3.97   |
| Visc 40°C                | cSt      | ASTM D7279(m) | 118.2 | <b>107</b>   | 110  | ▲ 48.5 |
| Visc 100°C               | cSt      | ASTM D7279(m) | 15.6  | <b>14.8</b>  | 15.3 | ▲ 9    |
| Indice de viscosité (VI) | Scale    | ASTM D2270*   | 139   | <b>143</b>   | 146  | ▲ 168  |



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0074166 **Reçu** : 23 Oct 2023  
**N° de laboratoire** : 02590956 **Diagnostiqué** : 25 Oct 2023  
**Numéro unique** : 5668035 **Diagnostiqueur** : Wes Davis  
**Analyse** : MOB 2 ( Additional Tests: Glycol, KV40, VI )

**TRANSDEV ST-JEAN**  
 720 TROTTER  
 ST-JEAN-SUR-RICHELIEU, QC  
 CA J3B 8T2  
 Contact: Eric Breton  
 eric.breton@transdev.com

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.