



| | |
|----------------|---------------|
| USURE | NORMAL |
| CONTAMINATION | NORMAL |
| ÉTAT DU FLUIDE | NORMAL |

Identité de la machine

8107

Composant

Moteur diesel

Fluid

PETRO CANADA DURON HP 15W40 (--- 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 | | PC0079643 | PC0074559 | PC0068808 |
| Date d'échant. | | Client Info | | 21 Dec 2023 | 17 Jul 2023 | 17 Feb 2023 |
| Âge d la Machine | kms | Client Info | | 620137 | 560240 | 0 |
| Âge de l'huile | kms | Client Info | | 59892 | 60605 | 8418 |
| Âge du filtre | kms | Client Info | | 59892 | 60605 | 8418 |
| Huile changée | | Client Info | | Changed | Changed | Changed |
| Filtre changé | | Client Info | | Changed | Changed | Changed |
| Statut de l'échant. | | | | NORMAL | NORMAL | NORMAL |

USURE

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

| | | | | | | |
|-----------|-----|---------------|------|--------------|----|----|
| Fer | ppm | ASTM D5185(m) | >100 | 19 | 25 | 24 |
| Chrome | ppm | ASTM D5185(m) | >20 | <1 | <1 | <1 |
| Nickel | ppm | ASTM D5185(m) | >4 | <1 | <1 | <1 |
| Titane | ppm | ASTM D5185(m) | | 0 | 0 | <1 |
| Argent | ppm | ASTM D5185(m) | >3 | 0 | <1 | 0 |
| Aluminium | ppm | ASTM D5185(m) | >20 | 6 | 6 | 7 |
| Plomb | ppm | ASTM D5185(m) | >40 | 2 | 2 | 1 |
| Cuivre | ppm | ASTM D5185(m) | >330 | 5 | 6 | 7 |
| Étain | ppm | ASTM D5185(m) | >15 | <1 | <1 | <1 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |

CONTAMINATION

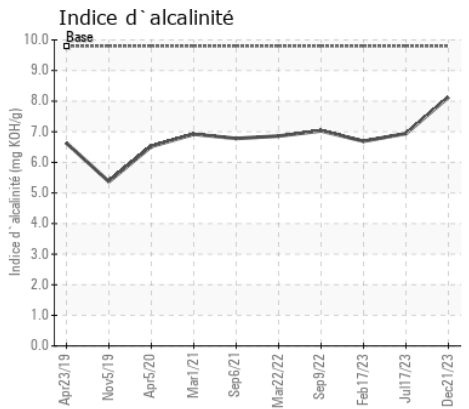
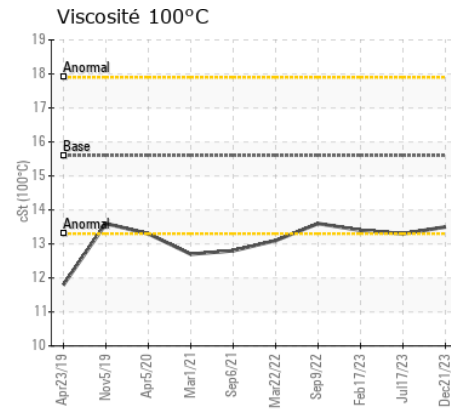
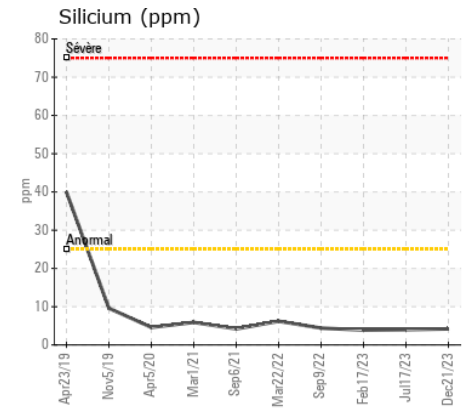
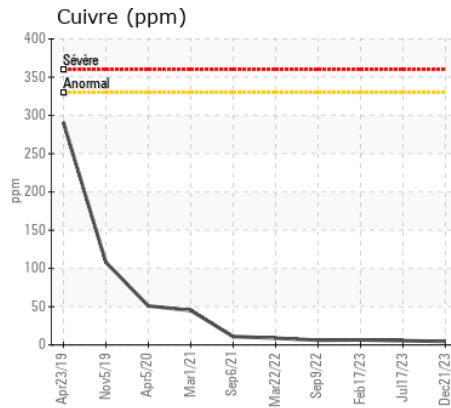
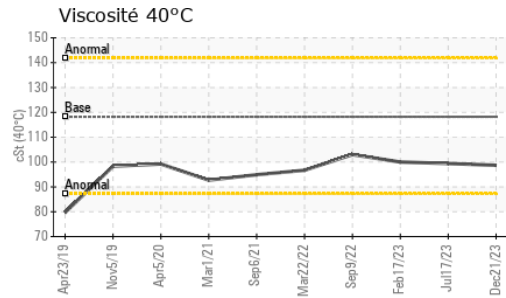
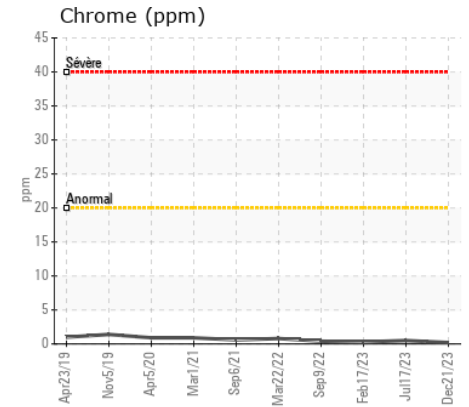
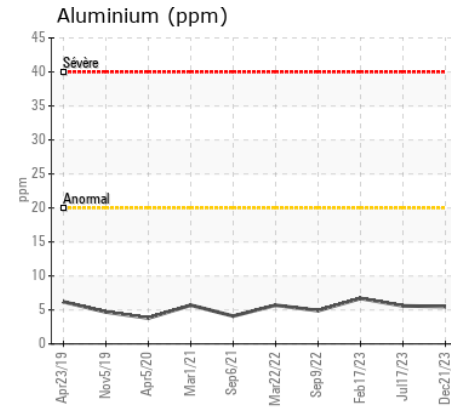
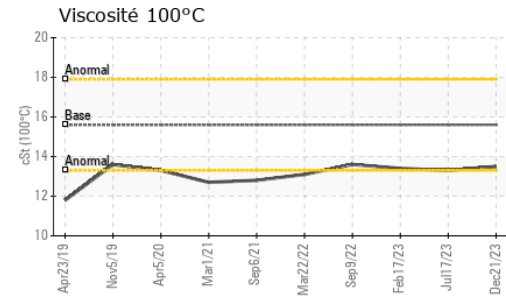
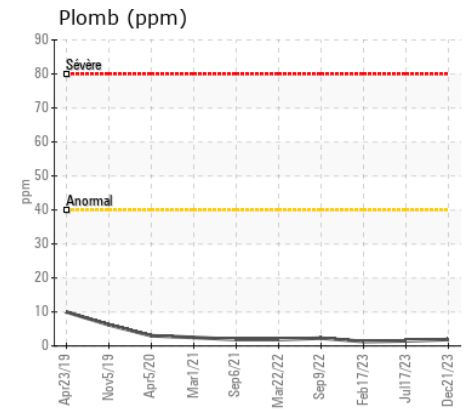
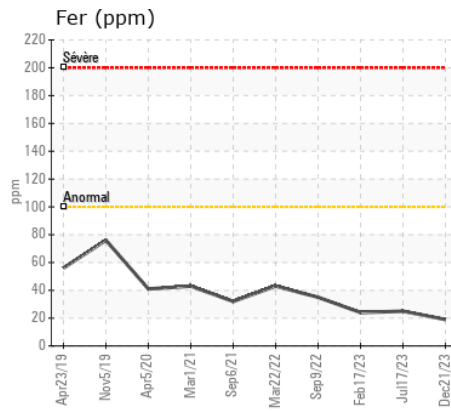
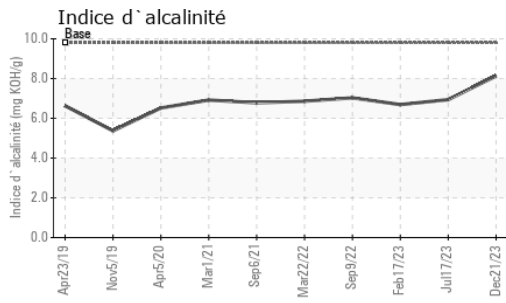
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|------|----------------|------|------|
| Silicium | ppm | ASTM D5185(m) | >25 | 4 | 4 | 4 |
| Potassium | ppm | ASTM D5185(m) | >20 | 7 | 8 | 9 |
| Essence | | WC Method | >5 | <1.0 | <1.0 | <1.0 |
| L'eau | | WC Method | >0.2 | NEG | NEG | NEG |
| Glycol | | WC Method | | NEG | NEG | NEG |
| % de suie | % | ASTM D7844* | >3 | 0.4 | 0.5 | 0.1 |
| Nitration | Abs/cm | ASTM D7624* | >20 | 8.5 | 8.9 | 7.5 |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 21.4 | 22.5 | 23.0 |
| Eau émulsifiée | scalar | Visual* | >0.2 | NEG | 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) | | 4 | 6 | 5 |
| Bore | ppm | ASTM D5185(m) | 0 | 1 | 2 | <1 |
| Baryum | ppm | ASTM D5185(m) | 0 | 0 | 0 | 0 |
| Molybdène | ppm | ASTM D5185(m) | 60 | 59 | 61 | 61 |
| Manganèse | ppm | ASTM D5185(m) | 0 | 0 | <1 | <1 |
| Magnésium | ppm | ASTM D5185(m) | 1010 | 976 | 1002 | 1016 |
| Calcium | ppm | ASTM D5185(m) | 1070 | 1079 | 1055 | 1160 |
| Phosphore | ppm | ASTM D5185(m) | 1150 | 983 | 1023 | 1091 |
| Zinc | ppm | ASTM D5185(m) | 1270 | 1180 | 1203 | 1231 |
| Soufre | ppm | ASTM D5185(m) | 2060 | 2308 | 2206 | 2354 |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 17.4 | 17.6 | 13.9 |
| Indice d'alcalinité | mg KOH/g | ASTM D2896* | 9.8 | 8.13 | 6.94 | 6.69 |
| Visc 40°C | cSt | ASTM D7279(m) | 118.2 | 98.7 | 99.4 | 100 |
| Visc 100°C | cSt | ASTM D7279(m) | 15.6 | 13.5 | 13.3 | 13.4 |
| Indice de viscosité (VI) | Scale | ASTM D2270* | 139 | 136 | 132 | 133 |



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0079643 **Reçu** : 28 Dec 2023
N° de laboratoire : 02605524 **Diagnostiqué** : 29 Dec 2023
Numéro unique : 5698609 **Diagnostiqueur** : Wes Davis
Analyse : MOB 2 (Additional Tests: KV40, VI)

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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.