



Identité de la machine

INTERNATIONAL 349

Composant

Moteur diesel

Fluid

PETRO CANADA DURON SAE 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 | | PC0073187 | PC0067727 | PC0067527 |
| Date d'échant. | | Client Info | | 18 Oct 2023 | 20 Mar 2023 | 09 Dec 2022 |
| Âge d la Machine | kms | Client Info | | 329222 | 258626 | 238524 |
| Âge de l'huile | kms | Client Info | | 70596 | 64753 | 44651 |
| Âge du filtre | kms | Client Info | | 70596 | 64753 | 44651 |
| Huile changée | | Client Info | | Changed | Changed | Not Changd |
| Filtre changé | | Client Info | | Changed | Changed | Not Changd |
| Statut de l'échant. | | | | NORMAL | NORMAL | NORMAL |

USURE

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

| | | | | | | |
|-----------|-----|---------------|------|--------------|----|----|
| Fer | ppm | ASTM D5185(m) | >100 | 40 | 32 | 19 |
| Chrome | ppm | ASTM D5185(m) | >20 | 2 | 2 | 1 |
| Nickel | ppm | ASTM D5185(m) | >4 | <1 | <1 | <1 |
| Titane | ppm | ASTM D5185(m) | | 0 | <1 | <1 |
| Argent | ppm | ASTM D5185(m) | >3 | 0 | 0 | 0 |
| Aluminium | ppm | ASTM D5185(m) | >20 | 5 | 6 | 6 |
| Plomb | ppm | ASTM D5185(m) | >40 | <1 | 1 | <1 |
| Cuivre | ppm | ASTM D5185(m) | >330 | 7 | 11 | 9 |
| Étain | ppm | ASTM D5185(m) | >15 | <1 | <1 | <1 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |

CONTAMINATION

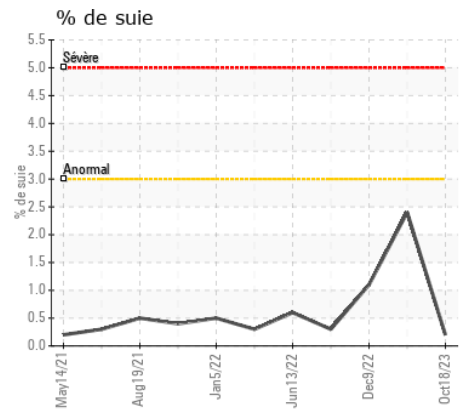
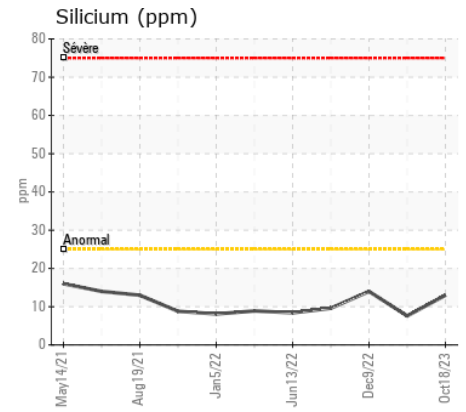
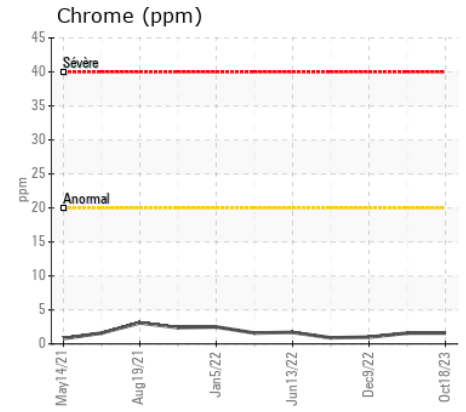
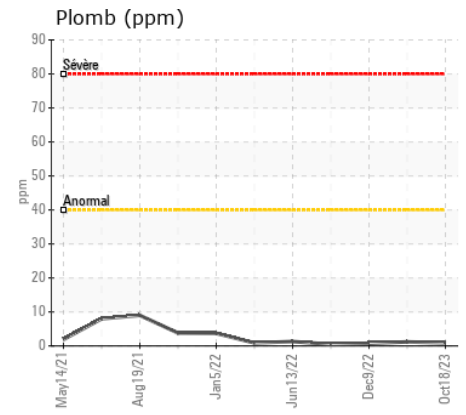
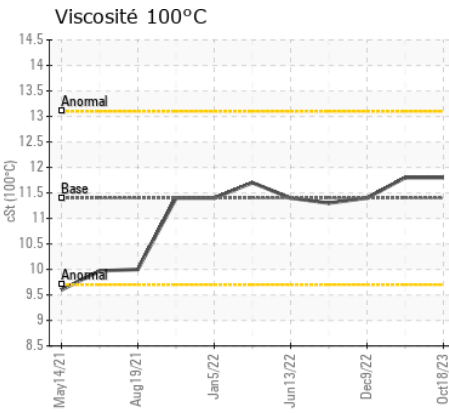
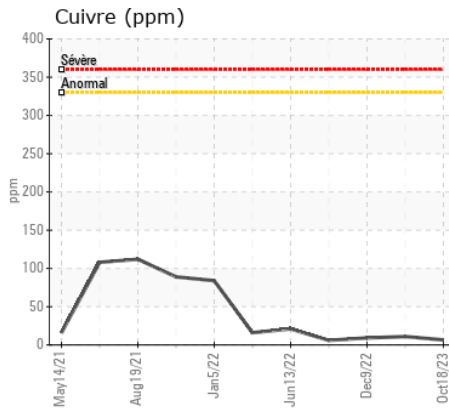
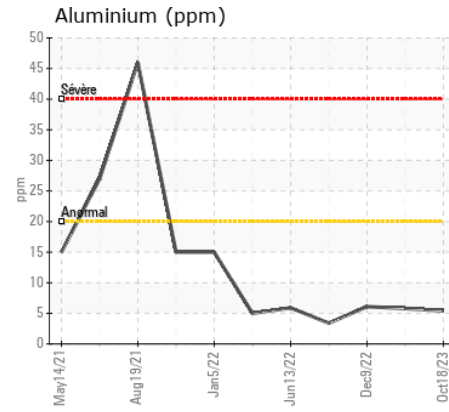
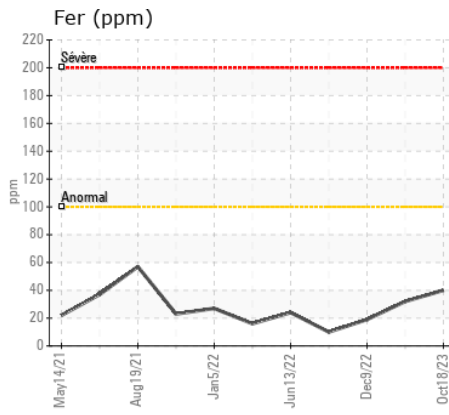
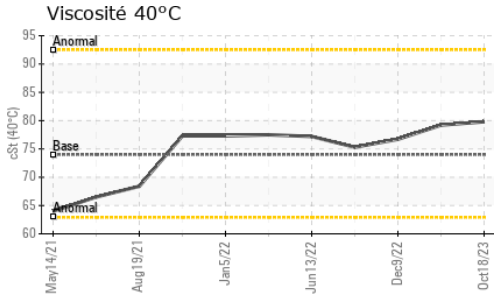
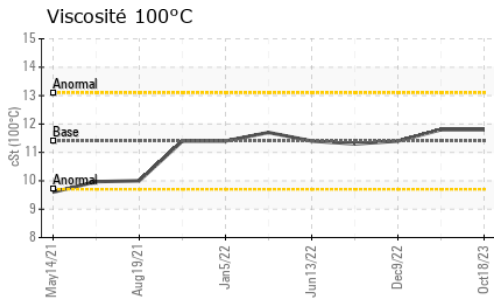
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|------|----------------|------|------|
| Silicium | ppm | ASTM D5185(m) | >25 | 13 | 8 | 14 |
| Potassium | ppm | ASTM D5185(m) | >20 | 7 | 9 | 7 |
| Essence | | WC Method | >2.0 | <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 | 0.2 | 2.4 | 1.1 |
| Nitration | Abs/cm | ASTM D7624* | >20 | 1.9 | 11.2 | 9.3 |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 4.4 | 26.0 | 22.9 |
| Eau émulsifiée | scalar | Visual* | >0.2 | NEG | NEG | NEG |

ÉTAT DU FLUIDE

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

| | | | | | | |
|--------------------------|----------|---------------|------|--------------|------|------|
| Sodium | ppm | ASTM D5185(m) | | 3 | 3 | 3 |
| Bore | ppm | ASTM D5185(m) | 1 | <1 | 2 | 2 |
| Baryum | ppm | ASTM D5185(m) | 1 | 0 | 0 | 0 |
| Molybdène | ppm | ASTM D5185(m) | 1 | 62 | 63 | 62 |
| Manganèse | ppm | ASTM D5185(m) | 1 | <1 | <1 | <1 |
| Magnésium | ppm | ASTM D5185(m) | 10 | 978 | 992 | 976 |
| Calcium | ppm | ASTM D5185(m) | 2942 | 1101 | 1250 | 1232 |
| Phosphore | ppm | ASTM D5185(m) | 1102 | 950 | 1032 | 1107 |
| Zinc | ppm | ASTM D5185(m) | 1351 | 1163 | 1207 | 1235 |
| Soufre | ppm | ASTM D5185(m) | 3903 | 2424 | 2459 | 2625 |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 3.2 | 17.9 | 15.5 |
| Visc 40°C | cSt | ASTM D7279(m) | 74.0 | 79.8 | 79.2 | 76.7 |
| Visc 100°C | cSt | ASTM D7279(m) | 11.4 | 11.8 | 11.8 | 11.4 |
| Indice de viscosité (VI) | Scale | ASTM D2270* | 146 | 141 | 142 | 140 |



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0073187 **Reçu** : 12 Jan 2024
N° de laboratoire : 02608425 **Diagnostiqué** : 15 Jan 2024
Numéro unique : 5709511 **Diagnostiqueur** : Wes Davis
Analyse : MOB 1 (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.