



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

Identité de la machine

INTERNATIONAL 333

Composant

Moteur diesel

Fluide

PETRO CANADA DURON SAE 10W30 (--- 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 | | PC0075406 | PC0066842 | PC0067192 |
| Date d'échant. | | Client Info | | 07 Jun 2023 | 06 Feb 2023 | 25 Nov 2022 |
| Âge d la Machine | kms | Client Info | | 442128 | 423067 | 409762 |
| Âge de l'huile | kms | Client Info | | 6538 | 46319 | 33014 |
| Âge du filtre | kms | Client Info | | 6538 | 46319 | 33014 |
| Huile changée | | Client Info | | Changed | Not Changd | Not Changd |
| Filtre changé | | Client Info | | Changed | Not Changd | 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 | 39 | 27 | 17 |
| Chrome | ppm | ASTM D5185(m) | >20 | 2 | 1 | <1 |
| Nickel | ppm | ASTM D5185(m) | >4 | 0 | <1 | <1 |
| Titane | ppm | ASTM D5185(m) | | 0 | <1 | <1 |
| Argent | ppm | ASTM D5185(m) | >3 | <1 | 0 | 0 |
| Aluminium | ppm | ASTM D5185(m) | >20 | 5 | 5 | 4 |
| Plomb | ppm | ASTM D5185(m) | >40 | 7 | 5 | 4 |
| Cuivre | ppm | ASTM D5185(m) | >330 | 1 | 1 | <1 |
| Étain | ppm | ASTM D5185(m) | >15 | <1 | <1 | <1 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Métal blanc | scalar | Visual* | NONE | VLITE | VLITE | NONE |
| Bronze | scalar | Visual* | NONE | NONE | NONE | NONE |

CONTAMINATION

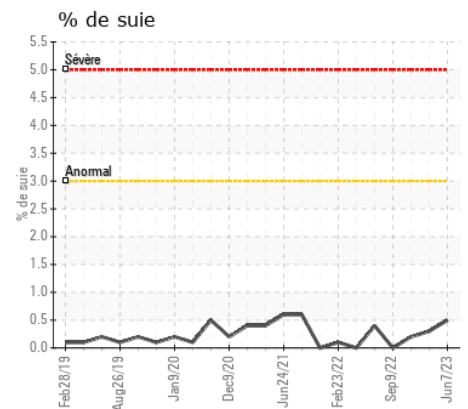
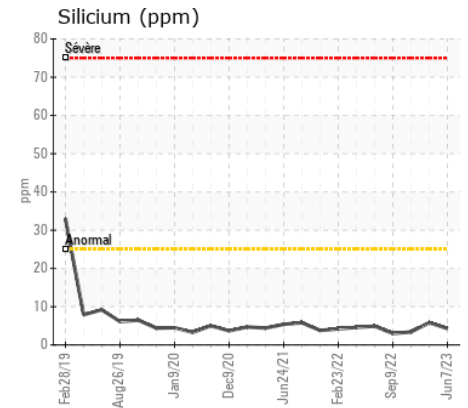
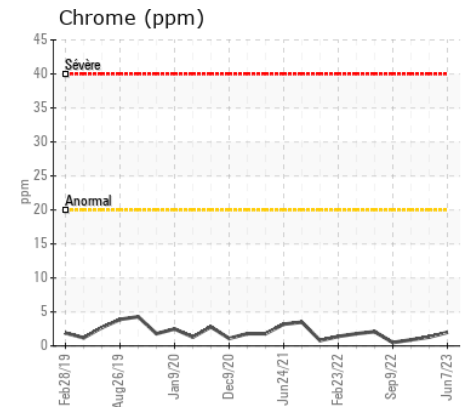
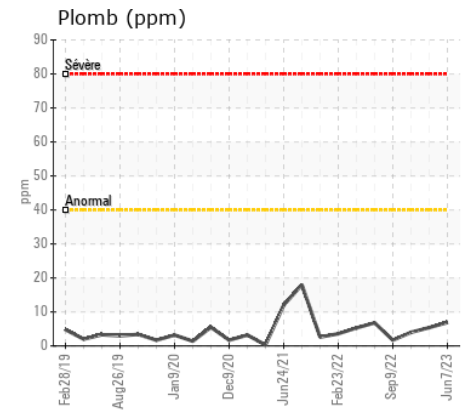
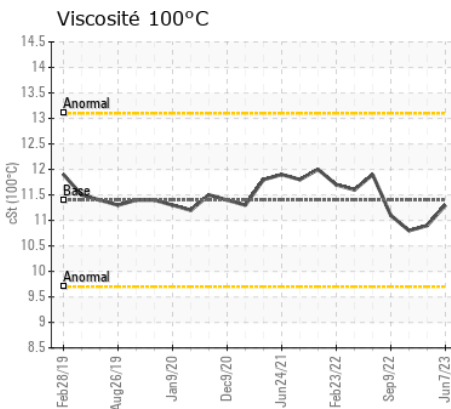
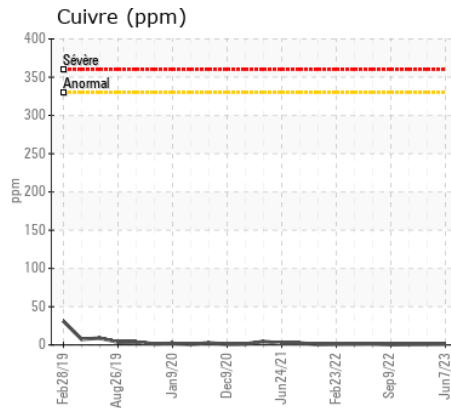
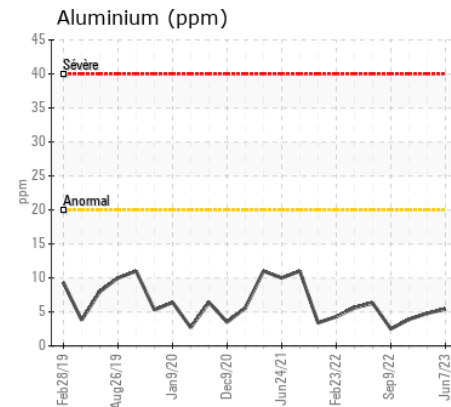
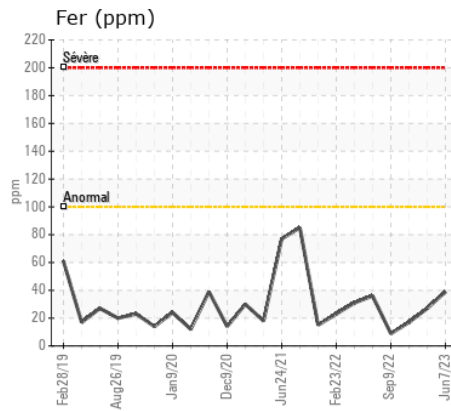
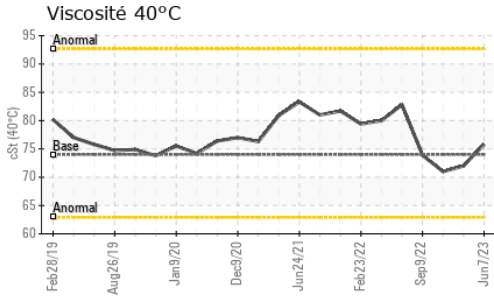
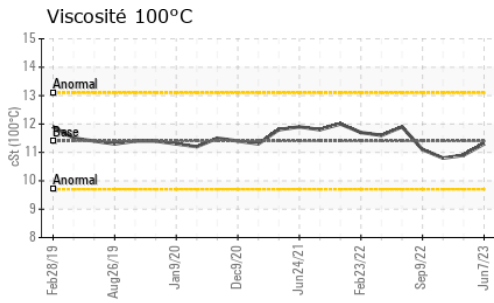
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|-------|----------------|-------|-------|
| Silicium | ppm | ASTM D5185(m) | >25 | 4 | 6 | 3 |
| Potassium | ppm | ASTM D5185(m) | >20 | 3 | 0 | 2 |
| Essence | | WC Method | >2.0 | <1.0 | <1.0 | <1.0 |
| Glycol | | WC Method | | NEG | NEG | NEG |
| % de suie | % | ASTM D7844* | >3 | 0.5 | 0.3 | 0.2 |
| Nitration | Abs/cm | ASTM D7624* | >20 | 12.4 | 10.8 | 9.4 |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 25.3 | 24.4 | 21.2 |
| Limon | scalar | Visual* | NONE | NONE | VLITE | NONE |
| Débris | scalar | Visual* | NONE | NONE | NONE | NONE |
| Saleté | scalar | Visual* | NONE | NONE | NONE | VLITE |
| Apparence | scalar | Visual* | NORML | NORML | NORML | NORML |
| Odeur | scalar | Visual* | NORML | NORML | NORML | NORML |
| 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) | | 7 | 6 | 6 |
| Bore | ppm | ASTM D5185(m) | 1 | 3 | 3 | 3 |
| Baryum | ppm | ASTM D5185(m) | 1 | 0 | 0 | 0 |
| Molybdène | ppm | ASTM D5185(m) | 1 | 60 | 61 | 60 |
| Manganèse | ppm | ASTM D5185(m) | 1 | <1 | <1 | <1 |
| Magnésium | ppm | ASTM D5185(m) | 10 | 986 | 939 | 975 |
| Calcium | ppm | ASTM D5185(m) | 2942 | 1134 | 1178 | 1217 |
| Phosphore | ppm | ASTM D5185(m) | 1102 | 1052 | 1068 | 1091 |
| Zinc | ppm | ASTM D5185(m) | 1351 | 1233 | 1225 | 1244 |
| Soufre | ppm | ASTM D5185(m) | 3903 | 2263 | 2419 | 2546 |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 21.4 | 18.5 | 16.9 |
| Visc 40°C | cSt | ASTM D7279(m) | 74.0 | 75.8 | 72.0 | 71.0 |
| Visc 100°C | cSt | ASTM D7279(m) | 11.4 | 11.3 | 10.9 | 10.8 |
| Indice de viscosité (VI) | Scale | ASTM D2270* | 146 | 140 | 140 | 141 |



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0075406 **Reçu** : 22 Aug 2023
N° de laboratoire : 02577320 **Diagnostiqué** : 22 Aug 2023
Numéro unique : 5630380 **Diagnostiqueur** : Wes Davis
Analyse : MOB 1 (Additional Tests: KV40, VI, Visual)

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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