



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

Identité de la machine

VOLVO TRACTEUR D13 285 (S/N 1V4NV9EH7GN935968)

Composant

Moteur diesel

Fluid

PETRO CANADA DURON SAE 10W30 (35 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 | | PC0072216 | PC0067558 | PC0064484 |
| Date d'échant. | | Client Info | | 07 Sep 2023 | 16 Jan 2023 | 21 Sep 2022 |
| Âge d la Machine | kms | Client Info | | 808411 | 791799 | 781922 |
| Âge de l'huile | kms | Client Info | | 10767 | 9877 | 20472 |
| Âge du filtre | kms | Client Info | | 10767 | 9877 | 20472 |
| Huile changée | | Client Info | | Not Chngd | Not Chngd | Changed |
| Filtre changé | | Client Info | | Not Chngd | Not Chngd | 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 | 7 | 8 | 18 |
| Chrome | ppm | ASTM D5185(m) | >20 | 0 | 0 | <1 |
| Nickel | ppm | ASTM D5185(m) | >2 | <1 | <1 | <1 |
| Titane | ppm | ASTM D5185(m) | | 0 | 0 | <1 |
| Argent | ppm | ASTM D5185(m) | >2 | 0 | 0 | 0 |
| Aluminium | ppm | ASTM D5185(m) | >25 | 4 | 4 | 6 |
| Plomb | ppm | ASTM D5185(m) | >40 | <1 | <1 | <1 |
| Cuivre | ppm | ASTM D5185(m) | >330 | 2 | 3 | 6 |
| Étain | ppm | ASTM D5185(m) | >15 | <1 | <1 | <1 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Métal blanc | scalar | Visual* | NONE | VLITE | NONE | --- |
| Bronze | scalar | Visual* | NONE | NONE | NONE | --- |

CONTAMINATION

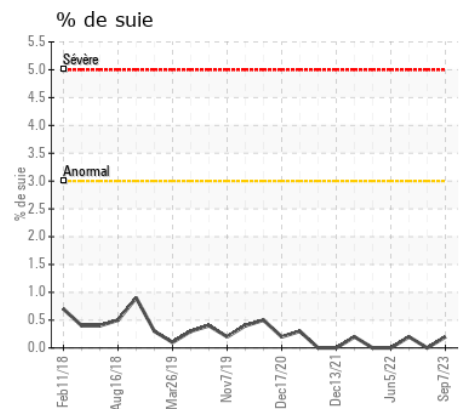
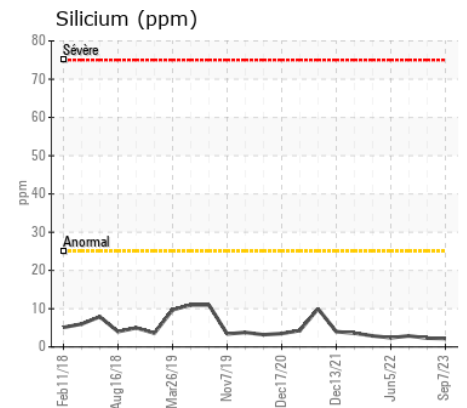
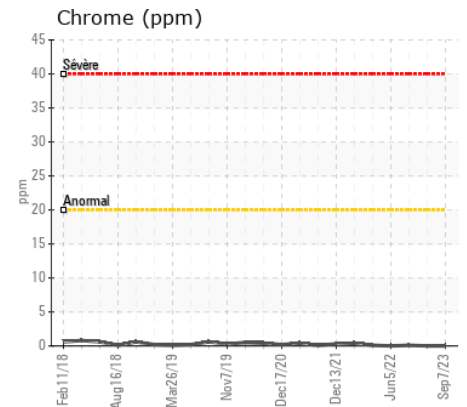
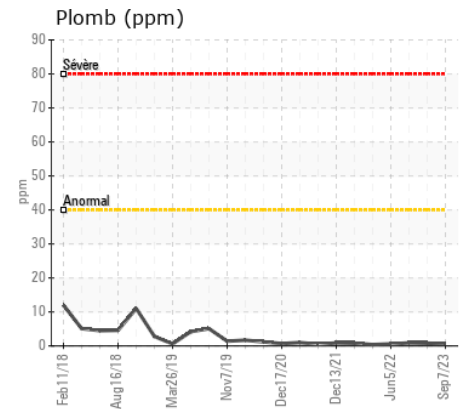
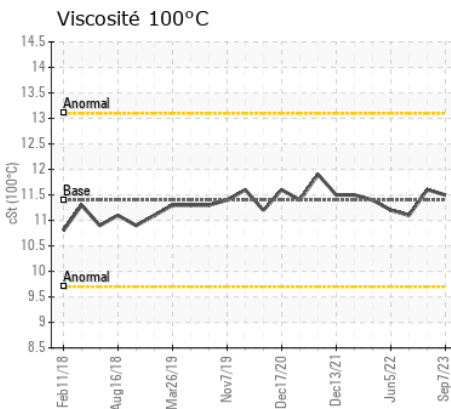
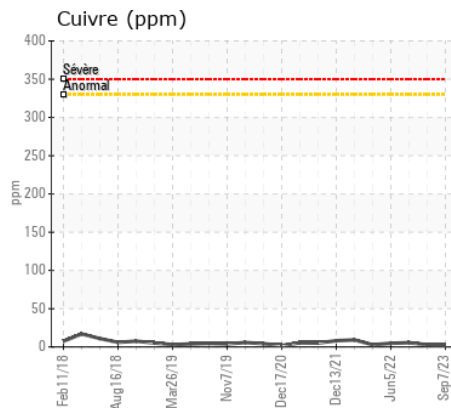
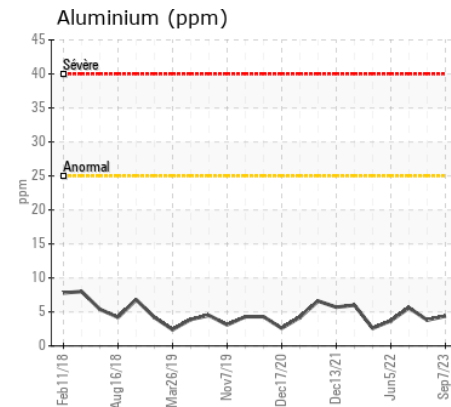
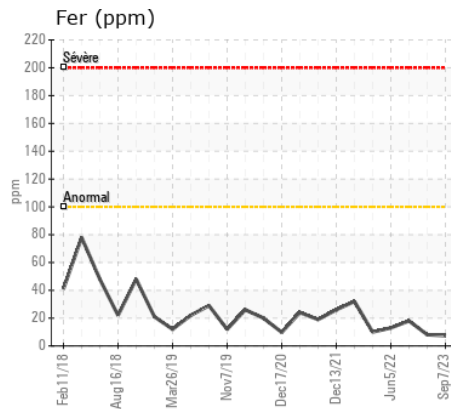
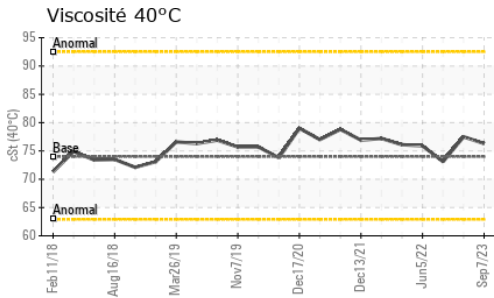
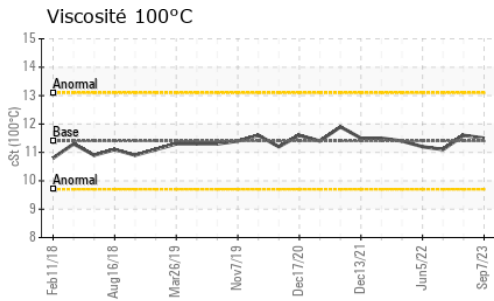
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|-------|----------------|-------|-------|
| Silicium | ppm | ASTM D5185(m) | >25 | 2 | 2 | 3 |
| Potassium | ppm | ASTM D5185(m) | >20 | 1 | 1 | 4 |
| Essence | | WC Method | >6.0 | <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 | 0 | 0.2 |
| Nitration | Abs/cm | ASTM D7624* | >20 | 10.0 | 9.9 | 11.4 |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 21.1 | 21.5 | 24.1 |
| Limon | scalar | Visual* | NONE | NONE | NONE | --- |
| Débris | scalar | Visual* | NONE | NONE | NONE | --- |
| Saleté | scalar | Visual* | NONE | NONE | NONE | --- |
| Apparence | scalar | Visual* | 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 | 7 | 11 |
| Bore | ppm | ASTM D5185(m) | 1 | 1 | 2 | 4 |
| Baryum | ppm | ASTM D5185(m) | 1 | 0 | 0 | 0 |
| Molybdène | ppm | ASTM D5185(m) | 1 | 60 | 57 | 58 |
| Manganèse | ppm | ASTM D5185(m) | 1 | 0 | <1 | <1 |
| Magnésium | ppm | ASTM D5185(m) | 10 | 962 | 919 | 884 |
| Calcium | ppm | ASTM D5185(m) | 2942 | 1059 | 1091 | 1061 |
| Phosphore | ppm | ASTM D5185(m) | 1102 | 982 | 985 | 942 |
| Zinc | ppm | ASTM D5185(m) | 1351 | 1158 | 1146 | 1093 |
| Soufre | ppm | ASTM D5185(m) | 3903 | 2607 | 2502 | 2166 |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 17.2 | 17.6 | 20.0 |
| Visc 40°C | cSt | ASTM D7279(m) | 74.0 | 76.3 | 77.5 | 73.1 |
| Visc 100°C | cSt | ASTM D7279(m) | 11.4 | 11.5 | 11.6 | 11.1 |
| Indice de viscosité (VI) | Scale | ASTM D2270* | 146 | 143 | 142 | 142 |



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0072216 **Reçu** : 12 Jan 2024
N° de laboratoire : 02608480 **Diagnostiqué** : 15 Jan 2024
Numéro unique : 5709566 **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.

Transport Dynapro
 10808 Cantin
 Montreal Nord, QC
 CA H1G 6P7
 Contact: Pascal Perron
 pascal.dynapro@gmail.com
 T: (514)255-7930
 F: (514)255-7903