



Identité de la machine

FREIGHTLINER 3936

Composant

Moteur diesel

Fluide

PETRO CANADA DURON SHP 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 | | PC0075972 | PC0066379 | PC0058742 |
| Date d'échant. | | Client Info | | 10 May 2023 | 14 Nov 2022 | 06 May 2022 |
| Âge d la Machine | kms | Client Info | | 127196 | 113190 | 105276 |
| Âge de l'huile | kms | Client Info | | 14006 | 7914 | 20962 |
| Âge du filtre | kms | Client Info | | 14006 | 7914 | 20962 |
| 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) | >80 | 11 | 8 | 12 |
| Chrome | ppm | ASTM D5185(m) | >5 | <1 | <1 | 1 |
| Nickel | ppm | ASTM D5185(m) | >2 | 0 | 0 | <1 |
| Titane | ppm | ASTM D5185(m) | | 0 | <1 | 0 |
| Argent | ppm | ASTM D5185(m) | >3 | 0 | 0 | <1 |
| Aluminium | ppm | ASTM D5185(m) | >30 | 5 | 6 | 13 |
| Plomb | ppm | ASTM D5185(m) | >30 | <1 | <1 | <1 |
| Cuivre | ppm | ASTM D5185(m) | >150 | 14 | 15 | 19 |
| Étain | ppm | ASTM D5185(m) | >5 | 1 | 1 | 2 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |

CONTAMINATION

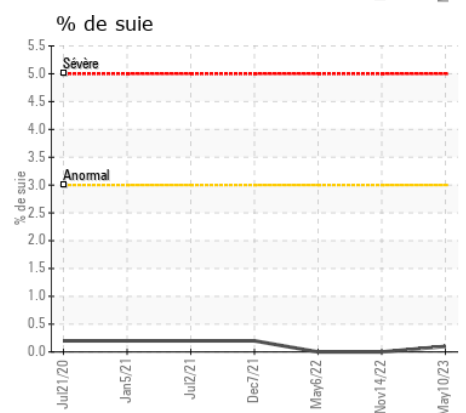
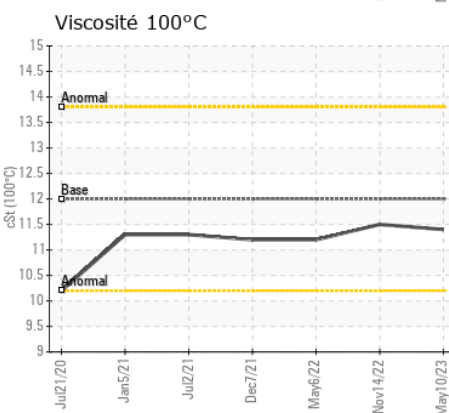
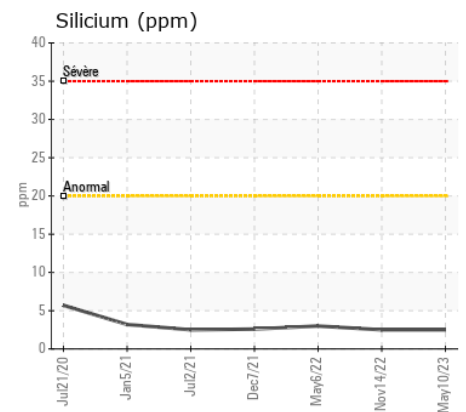
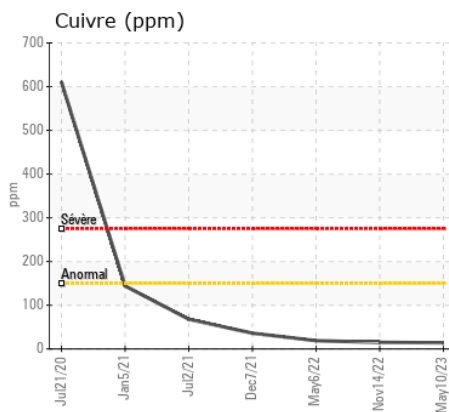
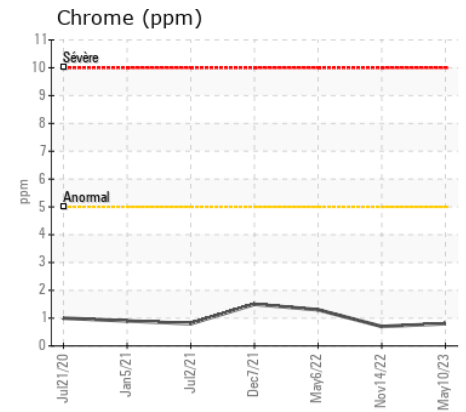
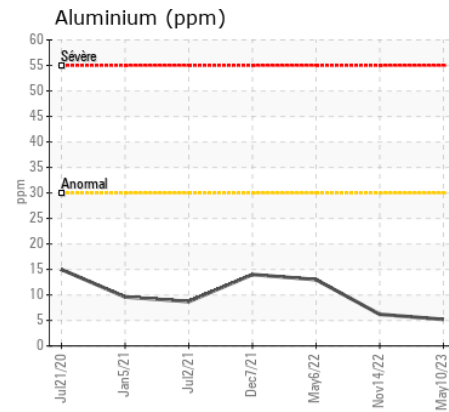
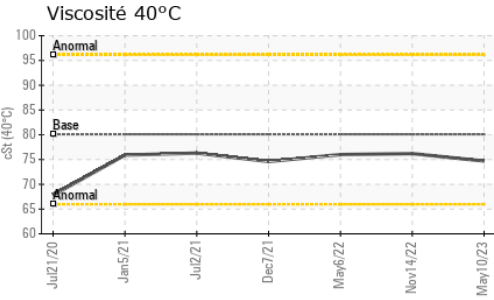
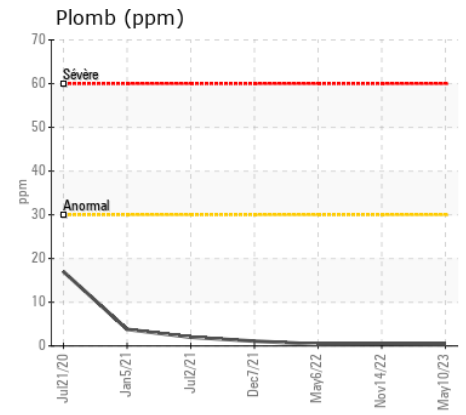
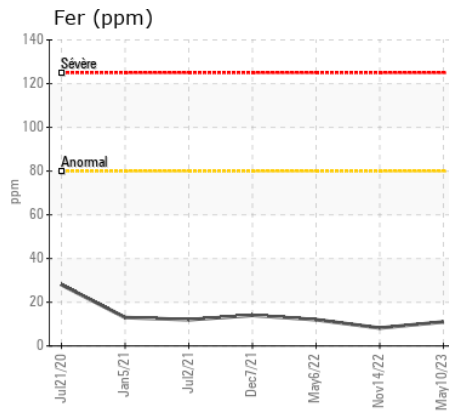
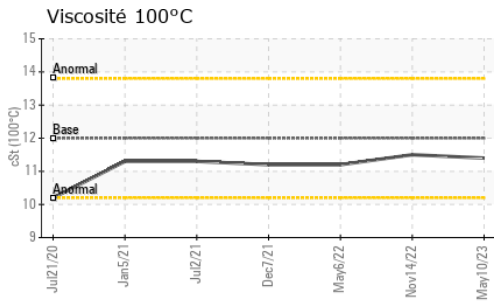
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|------|----------------|------|------|
| Silicium | ppm | ASTM D5185(m) | >20 | 2 | 2 | 3 |
| Potassium | ppm | ASTM D5185(m) | >20 | 5 | 4 | 16 |
| Essence | | WC Method | >5 | <1.0 | <1.0 | <1.0 |
| Glycol | | WC Method | | NEG | NEG | NEG |
| % de suie | % | ASTM D7844* | >3 | 0.1 | 0 | 0 |
| Nitration | Abs/cm | ASTM D7624* | >20 | 8.0 | 7.9 | 5.1 |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 18.9 | 20.2 | 16.8 |
| 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) | | 2 | 2 | 2 |
| Bore | ppm | ASTM D5185(m) | 2 | 4 | 2 | 2 |
| Baryum | ppm | ASTM D5185(m) | 0 | 0 | 0 | 0 |
| Molybdène | ppm | ASTM D5185(m) | 50 | 58 | 58 | 57 |
| Manganèse | ppm | ASTM D5185(m) | 0 | <1 | <1 | <1 |
| Magnésium | ppm | ASTM D5185(m) | 950 | 973 | 958 | 964 |
| Calcium | ppm | ASTM D5185(m) | 1050 | 1086 | 1138 | 1229 |
| Phosphore | ppm | ASTM D5185(m) | 995 | 1038 | 1075 | 1076 |
| Zinc | ppm | ASTM D5185(m) | 1180 | 1196 | 1206 | 1265 |
| Soufre | ppm | ASTM D5185(m) | 2600 | 2431 | 2531 | 2599 |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 14.8 | 16.1 | 8.7 |
| Visc 40°C | cSt | ASTM D7279(m) | 80.1 | 74.7 | 76.2 | 76.0 |
| Visc 100°C | cSt | ASTM D7279(m) | 12.00 | 11.4 | 11.5 | 11.2 |
| Indice de viscosité (VI) | Scale | ASTM D2270* | 144 | 144 | 143 | 137 |



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0075972 **Reçu** : 26 Jul 2023
N° de laboratoire : 02572206 **Diagnostiqué** : 26 Jul 2023
Numéro unique : 5617257 **Diagnostiqueur** : Kevin Marson
Analyse : MOB 1 (Additional Tests: KV40, VI)

LOCATION BROSSARD INC
 2190 HYMUS
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 Contact: Shawn Lamoureux
 slamoureux@brossard.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.