



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

Identité de la machine

FREIGHTLINER 49117

Composant

Moteur diesel

Fluid

CHEVRON DELO 400 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 | | PC0073301 | PC0048120 | --- |
| Date d'échant. | | Client Info | | 18 Jun 2024 | 12 Apr 2022 | --- |
| Âge d la Machine | kms | Client Info | | 284524 | 159418 | --- |
| Âge de l'huile | kms | Client Info | | 15571 | 0 | --- |
| Âge du filtre | kms | Client Info | | 15571 | 0 | --- |
| Huile changée | | Client Info | | Changed | N/A | --- |
| Filtre changé | | Client Info | | Changed | N/A | --- |
| Statut de l'échant. | | | | NORMAL | SEVERE | --- |

USURE

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

| | | | | | | |
|-------------|--------|---------------|------|--------------|-------|-----|
| Fer | ppm | ASTM D5185(m) | >80 | 17 | 41 | --- |
| Chrome | ppm | ASTM D5185(m) | >5 | <1 | 1 | --- |
| Nickel | ppm | ASTM D5185(m) | >2 | <1 | <1 | --- |
| Titane | ppm | ASTM D5185(m) | | 0 | 0 | --- |
| Argent | ppm | ASTM D5185(m) | >3 | <1 | <1 | --- |
| Aluminium | ppm | ASTM D5185(m) | >30 | 4 | 12 | --- |
| Plomb | ppm | ASTM D5185(m) | >30 | 0 | 11 | --- |
| Cuivre | ppm | ASTM D5185(m) | >150 | 10 | ▲ 347 | --- |
| Étain | ppm | ASTM D5185(m) | >5 | 0 | <1 | --- |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | --- |
| Métal blanc | scalar | Visual* | NONE | NONE | --- | --- |
| Bronze | scalar | Visual* | NONE | NONE | --- | --- |

CONTAMINATION

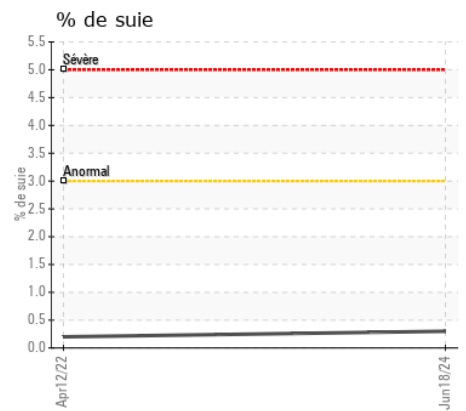
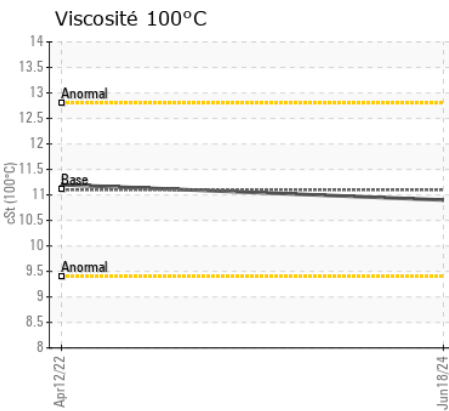
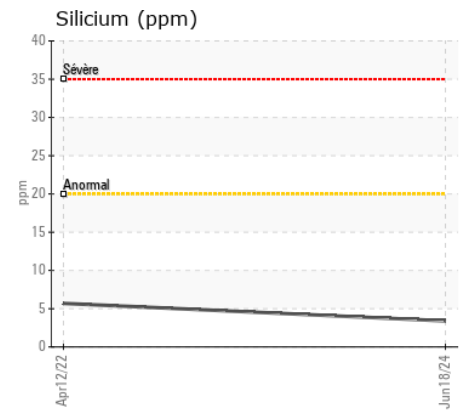
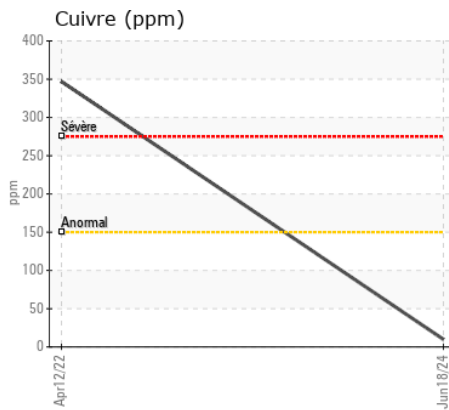
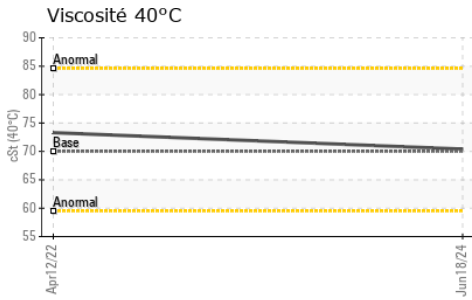
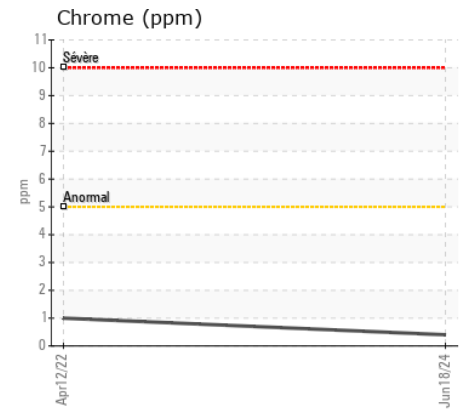
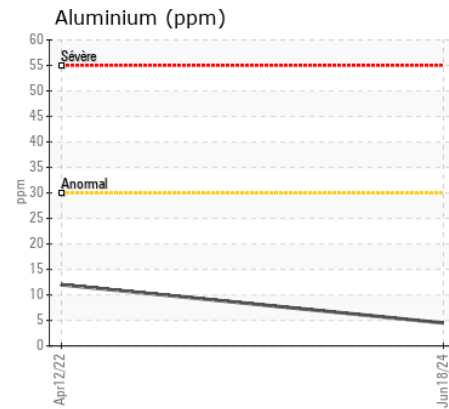
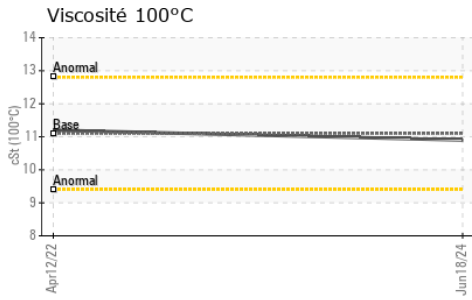
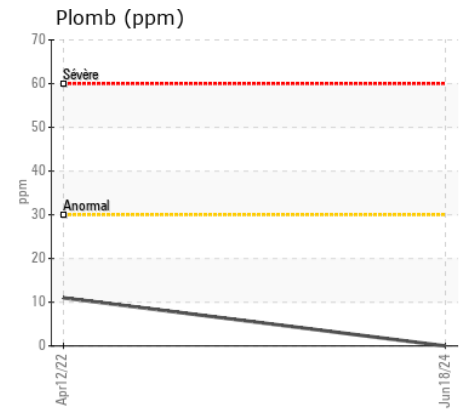
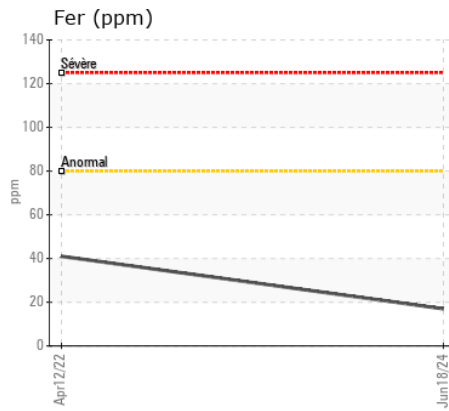
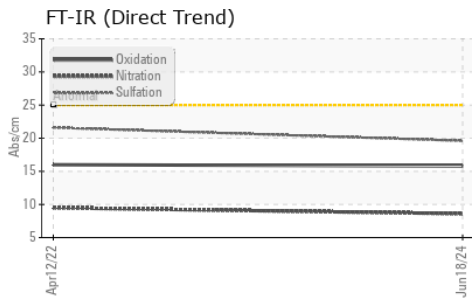
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|-------|----------------|-------|-----|
| Silicium | ppm | ASTM D5185(m) | >20 | 3 | 6 | --- |
| Potassium | ppm | ASTM D5185(m) | >20 | 2 | 12 | --- |
| Essence | | WC Method | >5 | <1.0 | <1.0 | --- |
| L'eau | | WC Method | >0.2 | NEG | NEG | --- |
| Glycol | | WC Method | | NEG | NEG | --- |
| % de suie | % | ASTM D7844* | >3 | 0.3 | 0.2 | --- |
| Nitration | Abs/cm | ASTM D7624* | >20 | 8.6 | 9.5 | --- |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 19.6 | 21.6 | --- |
| Limon | scalar | Visual* | NONE | NONE | --- | --- |
| Débris | scalar | Visual* | NONE | NONE | --- | --- |
| Saleté | scalar | Visual* | NONE | NONE | --- | --- |
| Apparence | scalar | Visual* | NORML | NORML | --- | --- |
| Odeur | scalar | Visual* | NORML | NORML | NORML | --- |
| Eau émulsifiée | scalar | Visual* | >0.2 | NEG | NEG | --- |

ÉTAT DU FLUIDE

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

| | | | | | | |
|--------------------------|----------|---------------|------|--------------|------|-----|
| Sodium | ppm | ASTM D5185(m) | | 1 | 2 | --- |
| Bore | ppm | ASTM D5185(m) | | 2 | 4 | --- |
| Baryum | ppm | ASTM D5185(m) | | <1 | 0 | --- |
| Molybdène | ppm | ASTM D5185(m) | | 56 | 59 | --- |
| Manganèse | ppm | ASTM D5185(m) | | <1 | <1 | --- |
| Magnésium | ppm | ASTM D5185(m) | | 903 | 947 | --- |
| Calcium | ppm | ASTM D5185(m) | | 1007 | 1115 | --- |
| Phosphore | ppm | ASTM D5185(m) | 1260 | 948 | 1018 | --- |
| Zinc | ppm | ASTM D5185(m) | 1400 | 1148 | 1210 | --- |
| Soufre | ppm | ASTM D5185(m) | | 2433 | 2493 | --- |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 15.8 | 16.0 | --- |
| Visc 40°C | cSt | ASTM D7279(m) | 70 | 70.4 | 73.3 | --- |
| Visc 100°C | cSt | ASTM D7279(m) | 11.1 | 10.9 | 11.2 | --- |
| Indice de viscosité (VI) | Scale | ASTM D2270* | 150 | 144 | 144 | --- |



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0073301
N° de laboratoire : 02643681
Numéro unique : 5801220
Analyse : MOB 1 (Additional Tests: KV40, VI, Visual)

LOCATION BROSSARD INC
 2190 HYMUS
 DORVAL, QC
 CA H9P 1J7

Reçu : 24 Jun 2024
Tested : 24 Jun 2024
Diagnostiqué : 24 Jun 2024 - Wes Davis

*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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