



Identité de la machine

FREIGHTLINER 4259

Composant

Moteur diesel

Fluid

PETRO CANADA DURON SHP 10W30 (--- GAL)

RECOMMENDATION

Confirmez la source du lubrifiant utilisé pour l'appoint/remplissage. 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 | | PC0082520 | --- | --- |
| Date d'échant. | | Client Info | | 27 May 2024 | --- | --- |
| Âge d la Machine | hrs | Client Info | | 8996 | --- | --- |
| Âge de l'huile | hrs | Client Info | | 8996 | --- | --- |
| Âge du filtre | hrs | Client Info | | 8996 | --- | --- |
| Huile changée | | Client Info | | Changed | --- | --- |
| Filtre changé | | Client Info | | Changed | --- | --- |
| Statut de l'échant. | | | | ABNORMAL | --- | --- |

USURE

Les taux de métaux sont typiques d'une première vidange.

| | | | | | | |
|-----------|-----|---------------|------|--------------|-----|-----|
| Fer | ppm | ASTM D5185(m) | >80 | 32 | --- | --- |
| Chrome | ppm | ASTM D5185(m) | >5 | <1 | --- | --- |
| Nickel | ppm | ASTM D5185(m) | >2 | 1 | --- | --- |
| Titane | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Argent | ppm | ASTM D5185(m) | >3 | <1 | --- | --- |
| Aluminium | ppm | ASTM D5185(m) | >30 | 7 | --- | --- |
| Plomb | ppm | ASTM D5185(m) | >30 | 1 | --- | --- |
| Cuivre | ppm | ASTM D5185(m) | >150 | 74 | --- | --- |
| Étain | ppm | ASTM D5185(m) | >5 | 3 | --- | --- |
| Vanadium | ppm | ASTM D5185(m) | | 0 | --- | --- |

CONTAMINATION

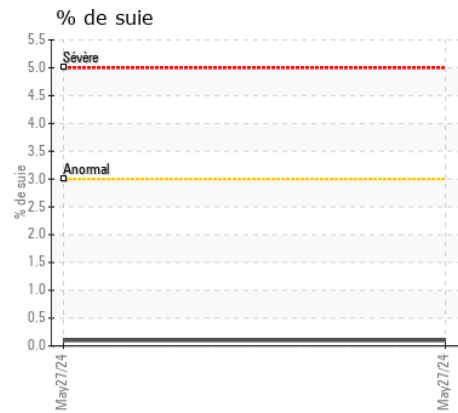
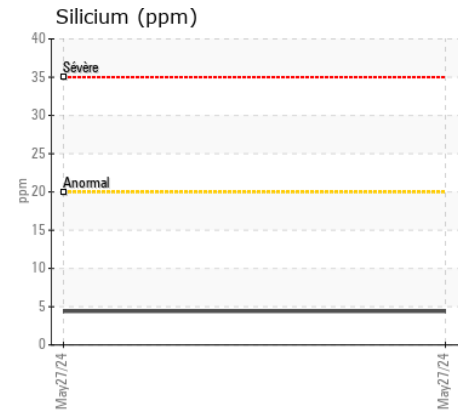
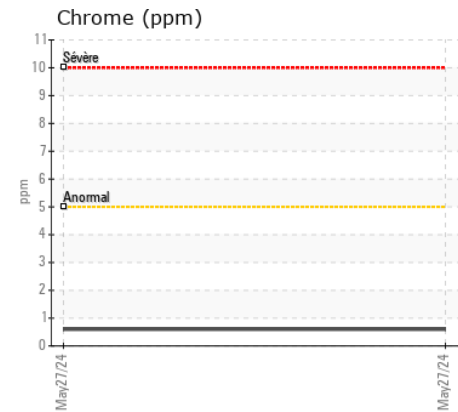
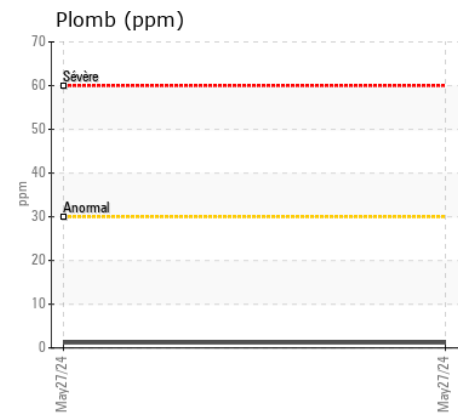
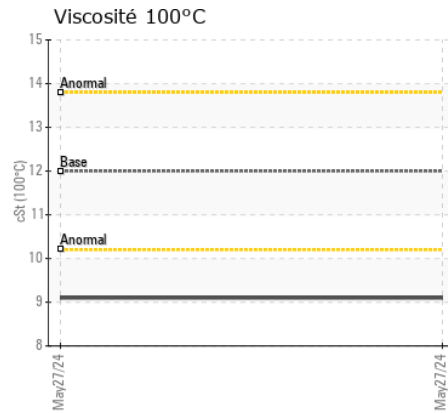
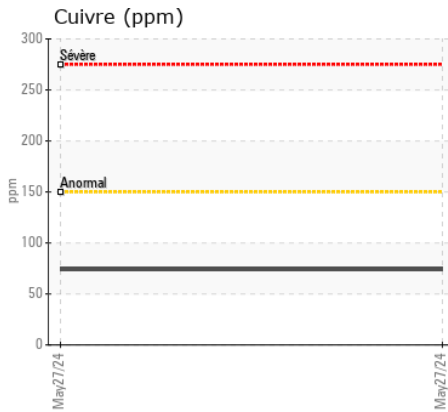
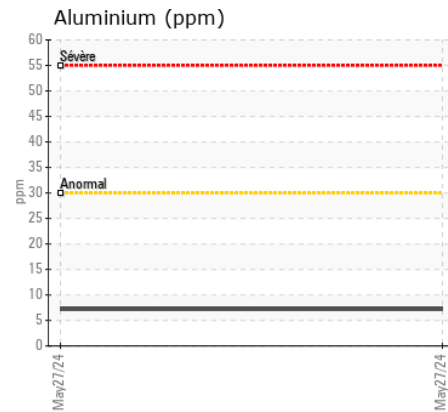
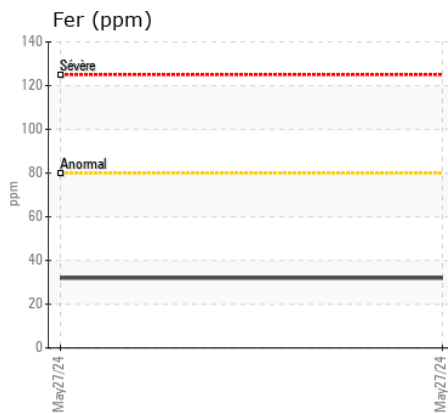
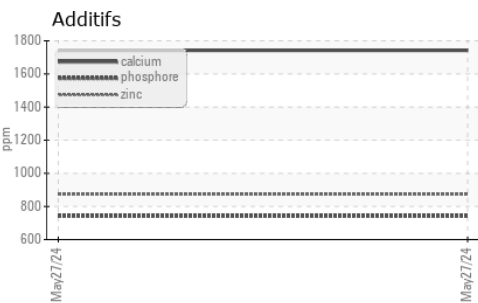
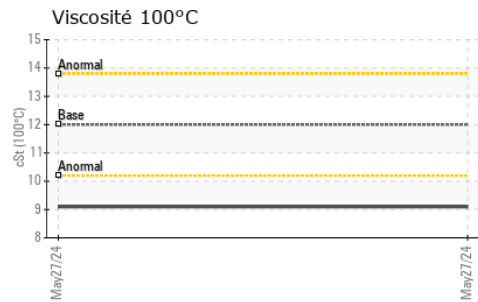
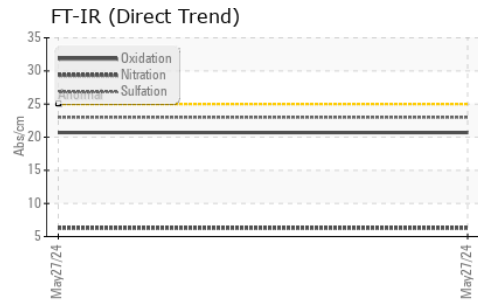
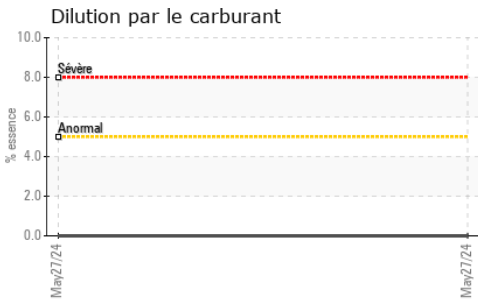
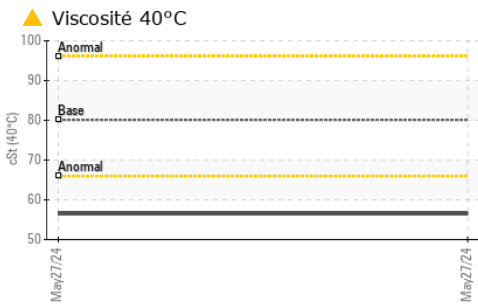
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Les tests n'indiquent aucune trace de carburant dans l'huile. Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|------|-------------|-----|-----|
| Silicium | ppm | ASTM D5185(m) | >20 | 4 | --- | --- |
| Potassium | ppm | ASTM D5185(m) | >20 | 22 | --- | --- |
| Essence | % | ASTM D7593* | >5 | 0.0 | --- | --- |
| L'eau | | WC Method | >0.2 | NEG | --- | --- |
| Glycol | | WC Method | | NEG | --- | --- |
| % de suie | % | ASTM D7844* | >3 | 0.1 | --- | --- |
| Nitration | Abs/cm | ASTM D7624* | >20 | 6.3 | --- | --- |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 23.0 | --- | --- |
| Eau émulsifiée | scalar | Visual* | >0.2 | NEG | --- | --- |

ÉTAT DU FLUIDE

La viscosité de l'échantillon se situe dans la portée de l'SAE 20; nous vous conseillons de vérifier. Ceci, en plus des niveaux d'additifs, indique que la marque ou le type d'huile ne correspond pas à ce qui a été signalé. L'état de l'huile est acceptable pour la durée de service.

| | | | | | | |
|--------------------------|----------|---------------|-------|---------------|-----|-----|
| Sodium | ppm | ASTM D5185(m) | | 6 | --- | --- |
| Bore | ppm | ASTM D5185(m) | 2 | 57 | --- | --- |
| Baryum | ppm | ASTM D5185(m) | 0 | <1 | --- | --- |
| Molybdène | ppm | ASTM D5185(m) | 50 | 40 | --- | --- |
| Manganèse | ppm | ASTM D5185(m) | 0 | 3 | --- | --- |
| Magnésium | ppm | ASTM D5185(m) | 950 | 512 | --- | --- |
| Calcium | ppm | ASTM D5185(m) | 1050 | 1742 | --- | --- |
| Phosphore | ppm | ASTM D5185(m) | 995 | 742 | --- | --- |
| Zinc | ppm | ASTM D5185(m) | 1180 | 873 | --- | --- |
| Soufre | ppm | ASTM D5185(m) | 2600 | 1974 | --- | --- |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 20.7 | --- | --- |
| Visc 40°C | cSt | ASTM D7279(m) | 80.1 | ▲ 56.5 | --- | --- |
| Visc 100°C | cSt | ASTM D7279(m) | 12.00 | 9.1 | --- | --- |
| Indice de viscosité (VI) | Scale | ASTM D2270* | 144 | 140 | --- | --- |



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0082520 **Reçu** : 11 Jun 2024
N° de laboratoire : 02641063 **Tested** : 12 Jun 2024
Numéro unique : 5798602 **Diagnostiqué** : 12 Jun 2024 - Kevin Marson
Analyse : MOB 1 (Additional Tests: FuelDilution, KV40, PercentFuel, VI)

LOCATION BROSSARD INC
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 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.