



RAPPORT D'ANALYSE D'HUILE

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

Secteur
{UNASSIGNED}

Identité de la machine

483

Composant

Moteur diesel

Fluid

PETRO CANADA DURON SHP 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 | | WC0894310 | WC0856568 | --- |
| Date d'échant. | | Client Info | | 19 Jan 2024 | 05 Sep 2023 | --- |
| Âge d la Machine | kms | Client Info | | 101710 | 28690 | --- |
| Âge de l'huile | kms | Client Info | | 73020 | 18149 | --- |
| Âge du filtre | kms | Client Info | | 73020 | 18149 | --- |
| Huile changée | | Client Info | | Changed | Changed | --- |
| Filtre changé | | Client Info | | Changed | Changed | --- |
| Statut de l'échant. | | | | NORMAL | NORMAL | --- |

USURE

Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant.

| | | | | | | |
|-----------|-----|---------------|------|--------------|-----|-----|
| Fer | ppm | ASTM D5185(m) | >65 | 65 | 63 | --- |
| Chrome | ppm | ASTM D5185(m) | >5 | 14 | 10 | --- |
| Nickel | ppm | ASTM D5185(m) | >3 | <1 | <1 | --- |
| Titane | ppm | ASTM D5185(m) | >5 | 0 | <1 | --- |
| Argent | ppm | ASTM D5185(m) | >2 | 0 | <1 | --- |
| Aluminium | ppm | ASTM D5185(m) | >35 | 104 | 104 | --- |
| Plomb | ppm | ASTM D5185(m) | >10 | 4 | 6 | --- |
| Cuivre | ppm | ASTM D5185(m) | >180 | 154 | 261 | --- |
| Étain | ppm | ASTM D5185(m) | >8 | <1 | 3 | --- |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | --- |

CONTAMINATION

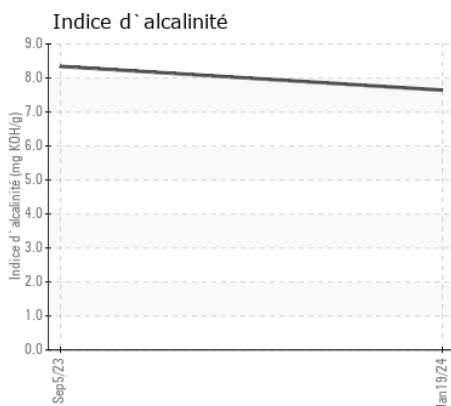
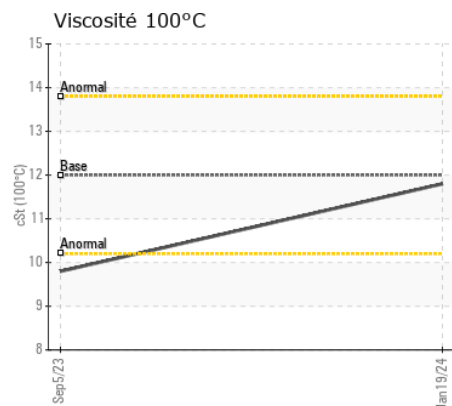
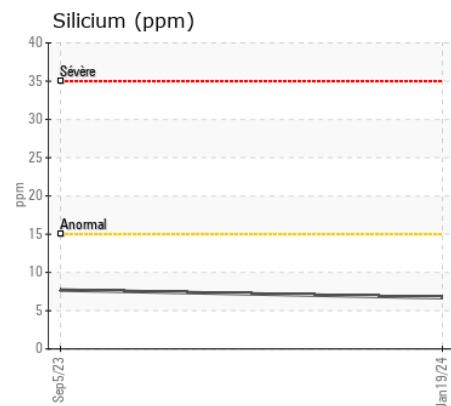
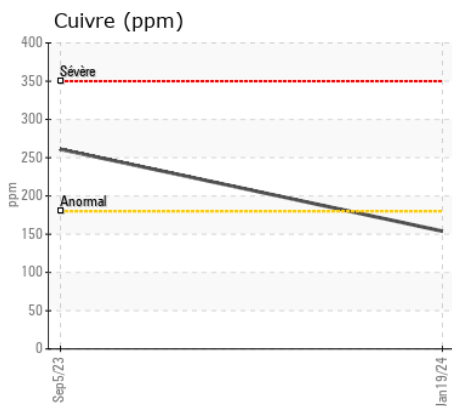
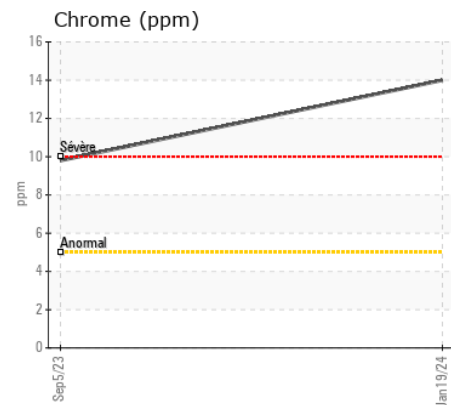
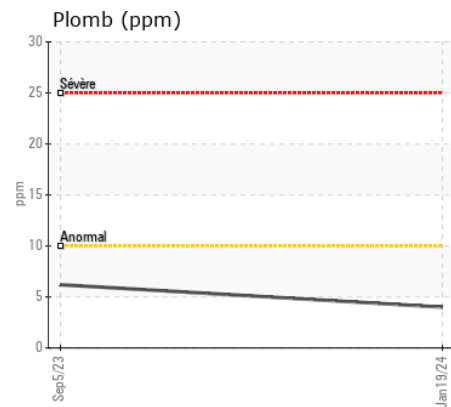
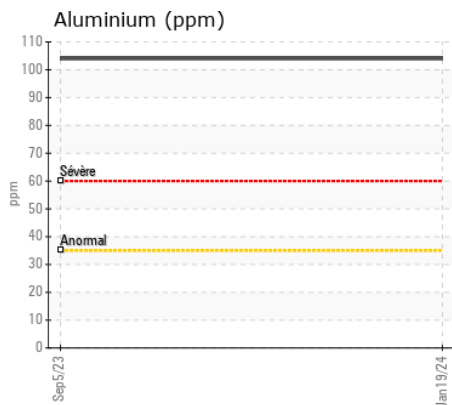
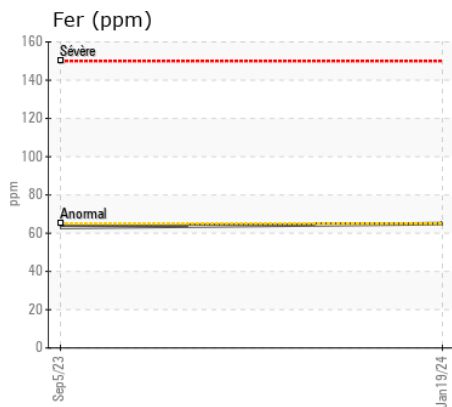
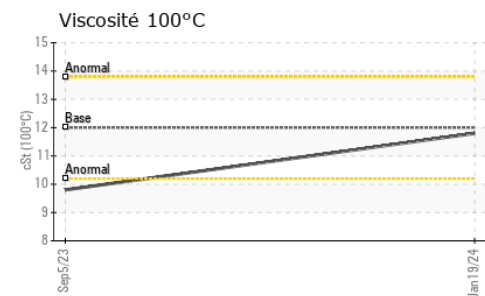
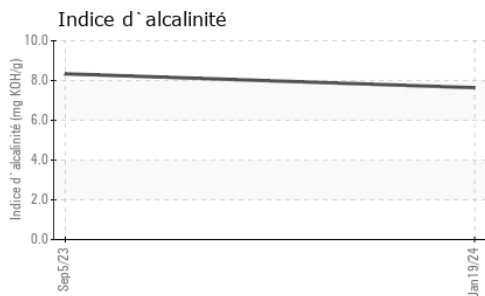
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|------|----------------|------|-----|
| Silicium | ppm | ASTM D5185(m) | >15 | 7 | 8 | --- |
| Potassium | ppm | ASTM D5185(m) | >20 | 202 | 247 | --- |
| Essence | | WC Method | >3.0 | <1.0 | 0.4 | --- |
| L'eau | | WC Method | >0.2 | NEG | NEG | --- |
| Glycol | | WC Method | | NEG | NEG | --- |
| % de suie | % | ASTM D7844* | >3 | 0.8 | 0.3 | --- |
| Nitration | Abs/cm | ASTM D7624* | >20 | 10.9 | 8.2 | --- |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 23.7 | 23.5 | --- |
| Eau émulsifiée | scalar | Visual* | >0.2 | NEG | NEG | --- |

ÉTAT DU FLUIDE

Le résultat pour le BN indique que la réserve d'alcalinité est acceptable pour l'huile. L'état de l'huile permet d'en prolonger l'utilisation.

| | | | | | | |
|---------------------|----------|---------------|-------|-------------|------|-----|
| Sodium | ppm | ASTM D5185(m) | | 4 | 6 | --- |
| Bore | ppm | ASTM D5185(m) | 2 | 4 | 33 | --- |
| Baryum | ppm | ASTM D5185(m) | 0 | 0 | <1 | --- |
| Molybdène | ppm | ASTM D5185(m) | 50 | 60 | 46 | --- |
| Manganèse | ppm | ASTM D5185(m) | 0 | 2 | 4 | --- |
| Magnésium | ppm | ASTM D5185(m) | 950 | 943 | 559 | --- |
| Calcium | ppm | ASTM D5185(m) | 1050 | 1191 | 1704 | --- |
| Phosphore | ppm | ASTM D5185(m) | 995 | 882 | 814 | --- |
| Zinc | ppm | ASTM D5185(m) | 1180 | 1107 | 910 | --- |
| Soufre | ppm | ASTM D5185(m) | 2600 | 1835 | 2010 | --- |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 19.7 | 21.2 | --- |
| Indice d'alcalinité | mg KOH/g | ASTM D2896* | | 7.64 | 8.34 | --- |
| Visc 100°C | cSt | ASTM D7279(m) | 12.00 | 11.8 | 9.8 | --- |



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0894310 **Reçu** : 05 Feb 2024
N° de laboratoire : 02613399 **Diagnostiqué** : 07 Feb 2024
Numéro unique : 5722494 **Diagnostiqueur** : Wes Davis
Analyse : MOB 2

Lachine - Transport Laberge
 435 rue Norman
 Lachine, QC
 CA H8S 1A5
 Contact: Service Manager

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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F: