



RAPPORT D'ANALYSE D'HUILE

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

Identité de la machine

457

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 | | WC0909622 | WC0903686 | WC0846883 |
| Date d'échant. | | Client Info | | 30 Apr 2024 | 01 Feb 2024 | 14 Oct 2023 |
| Âge d la Machine | kms | Client Info | | 727864 | 694134 | 653265 |
| Âge de l'huile | kms | Client Info | | 33730 | 43997 | 3128 |
| Âge du filtre | kms | Client Info | | 33730 | 43997 | 3128 |
| Huile changée | | Client Info | | Changed | Changed | Not Changd |
| Filtre changé | | Client Info | | N/A | Changed | Not Changd |
| Statut de l'échant. | | | | NORMAL | NORMAL | NORMAL |

USURE

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

| | | | | | | |
|-----------|-----|---------------|------|--------------|----|----|
| Fer | ppm | ASTM D5185(m) | >165 | 14 | 22 | 8 |
| Chrome | ppm | ASTM D5185(m) | >5 | 1 | 2 | <1 |
| Nickel | ppm | ASTM D5185(m) | >4 | <1 | <1 | <1 |
| Titane | ppm | ASTM D5185(m) | >2 | 0 | 0 | 0 |
| Argent | ppm | ASTM D5185(m) | >2 | <1 | 0 | <1 |
| Aluminium | ppm | ASTM D5185(m) | >20 | 8 | 13 | 4 |
| Plomb | ppm | ASTM D5185(m) | >150 | 0 | <1 | <1 |
| Cuivre | ppm | ASTM D5185(m) | >90 | 3 | 5 | 2 |
| Étain | ppm | ASTM D5185(m) | >5 | 0 | <1 | <1 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |

CONTAMINATION

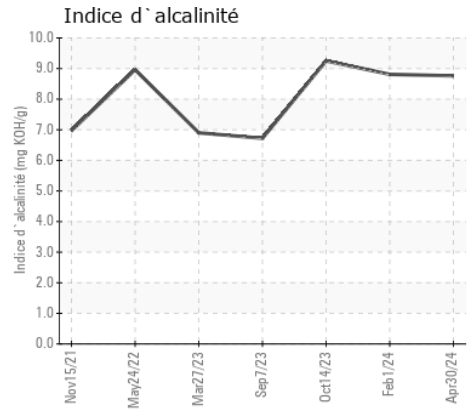
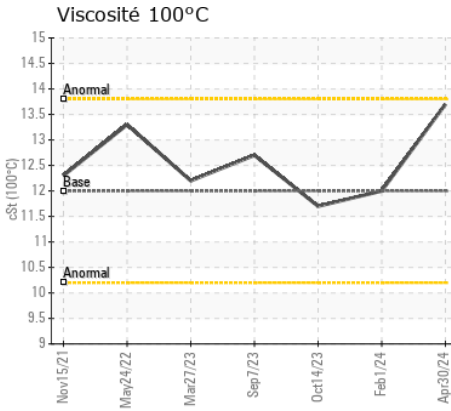
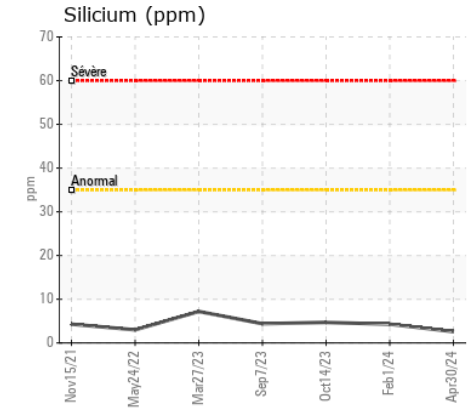
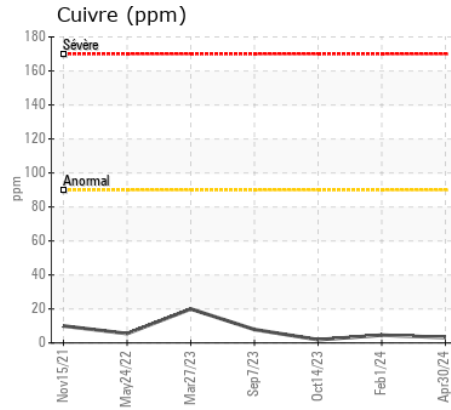
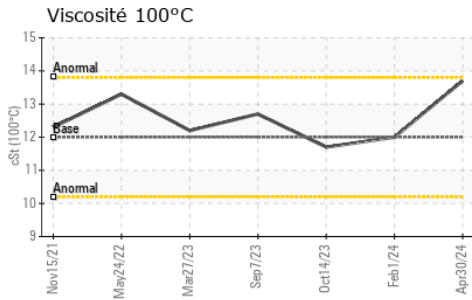
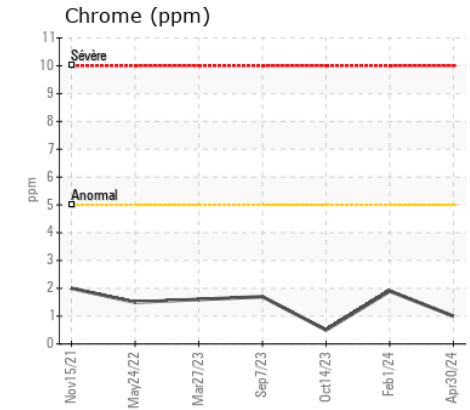
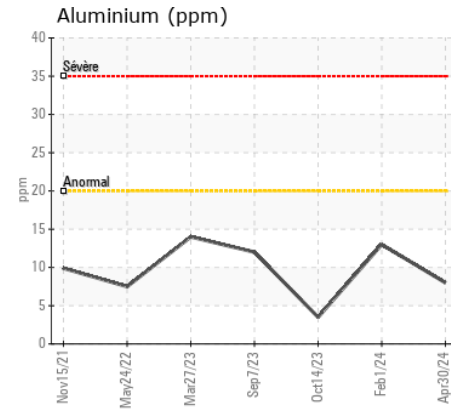
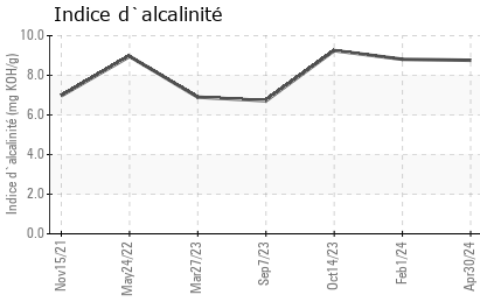
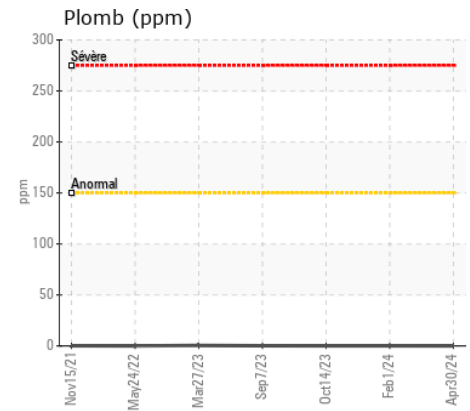
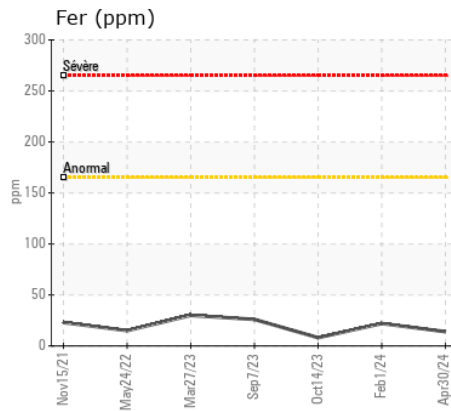
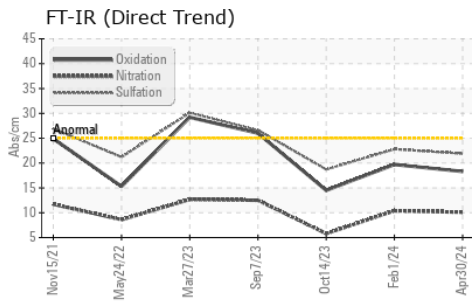
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|------|----------------|------|------|
| Silicium | ppm | ASTM D5185(m) | >35 | 3 | 4 | 5 |
| Potassium | ppm | ASTM D5185(m) | >20 | 1 | 4 | <1 |
| Essence | | WC Method | >3.0 | <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* | >7.5 | 0.4 | 0.5 | 0 |
| Nitration | Abs/cm | ASTM D7624* | >20 | 10.1 | 10.4 | 5.8 |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 21.9 | 22.8 | 18.7 |
| Eau émulsifiée | scalar | Visual* | >0.2 | NEG | 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) | | 2 | 4 | 2 |
| Bore | ppm | ASTM D5185(m) | 2 | 3 | 4 | 6 |
| Baryum | ppm | ASTM D5185(m) | 0 | 0 | 0 | 0 |
| Molybdène | ppm | ASTM D5185(m) | 50 | 62 | 61 | 60 |
| Manganèse | ppm | ASTM D5185(m) | 0 | <1 | 0 | 0 |
| Magnésium | ppm | ASTM D5185(m) | 950 | 999 | 1028 | 1014 |
| Calcium | ppm | ASTM D5185(m) | 1050 | 1134 | 1104 | 1080 |
| Phosphore | ppm | ASTM D5185(m) | 995 | 1001 | 1033 | 1047 |
| Zinc | ppm | ASTM D5185(m) | 1180 | 1249 | 1235 | 1232 |
| Soufre | ppm | ASTM D5185(m) | 2600 | 2400 | 2508 | 2689 |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 18.3 | 19.7 | 14.5 |
| Indice d'alcalinité | mg KOH/g | ASTM D2896* | | 8.76 | 8.81 | 9.25 |
| Visc 100°C | cSt | ASTM D7279(m) | 12.00 | 13.7 | 12.0 | 11.7 |



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0909622
N° de laboratoire : 02643094
Numéro unique : 5800633
Analyse : MOB 2
Reçu : 20 Jun 2024
Tested : 20 Jun 2024
Diagnostiqué : 20 Jun 2024 - Wes Davis

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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