



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

Identité de la machine

919007

Composant

Moteur diesel

Fluide

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

RECOMMANDATION

Confirm the source of the lubricant being utilized for top-up/fill.
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 | | GFL0081346 | GFL0070822 | GFL0070796 |
| Date d'échant. | | Client Info | | 20 Jul 2023 | 02 May 2023 | 20 Feb 2023 |
| Âge d la Machine | hrs | Client Info | | 0 | 0 | 0 |
| Âge de l'huile | hrs | Client Info | | 600 | 600 | 600 |
| Âge du filtre | hrs | Client Info | | 0 | 0 | 0 |
| Huile changée | | Client Info | | Not Changd | Changed | Changed |
| Filtre changé | | Client Info | | N/A | Not Changd | 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) | >120 | 12 | 10 | 15 |
| Chrome | ppm | ASTM D5185(m) | >20 | <1 | 0 | <1 |
| Nickel | ppm | ASTM D5185(m) | >5 | 0 | <1 | <1 |
| Titane | ppm | ASTM D5185(m) | >2 | 0 | <1 | <1 |
| Argent | ppm | ASTM D5185(m) | >2 | 0 | 0 | 0 |
| Aluminium | ppm | ASTM D5185(m) | >20 | 2 | 4 | 4 |
| Plomb | ppm | ASTM D5185(m) | >40 | <1 | <1 | <1 |
| Cuivre | ppm | ASTM D5185(m) | >330 | <1 | 1 | 2 |
| Étain | ppm | ASTM D5185(m) | >15 | <1 | <1 | <1 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |

CONTAMINATION

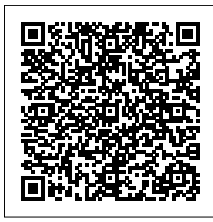
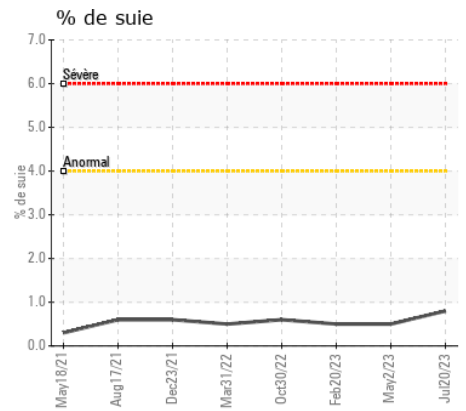
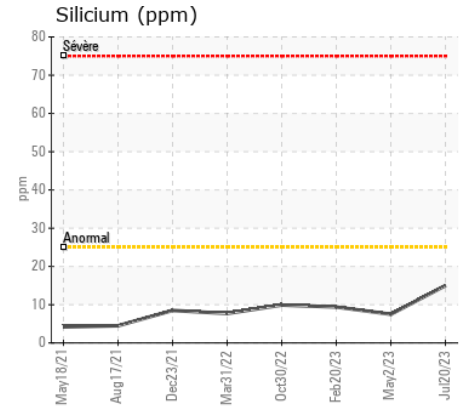
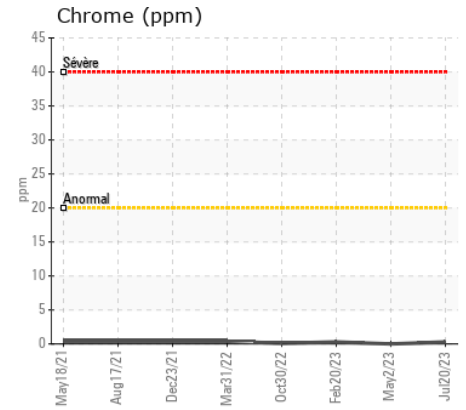
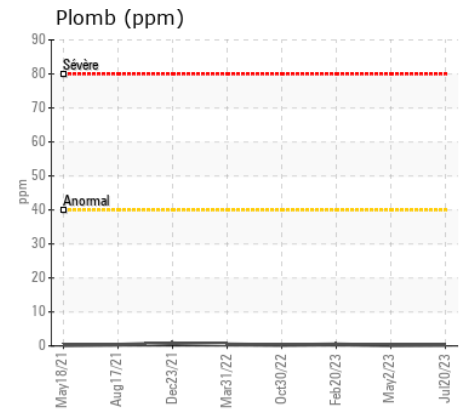
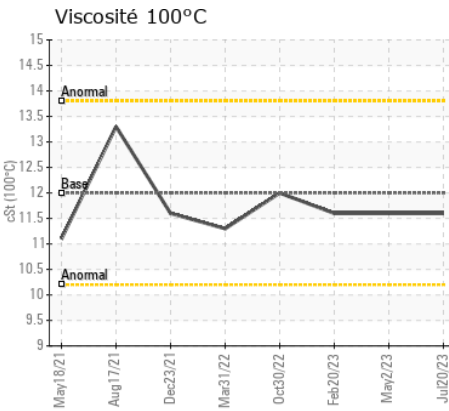
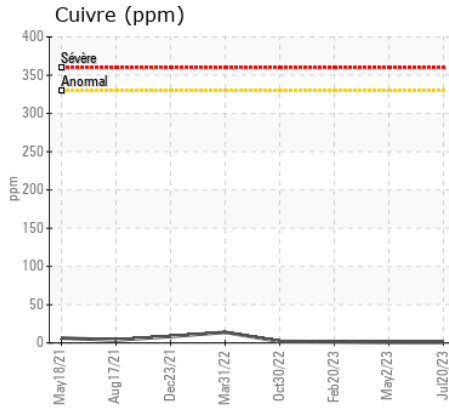
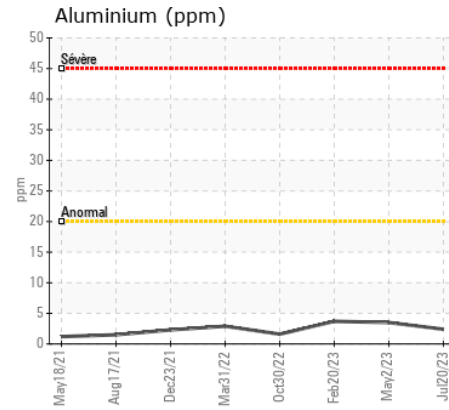
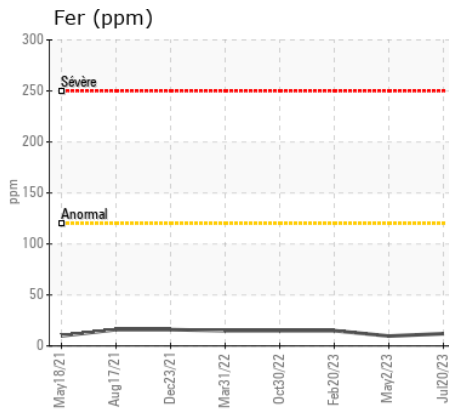
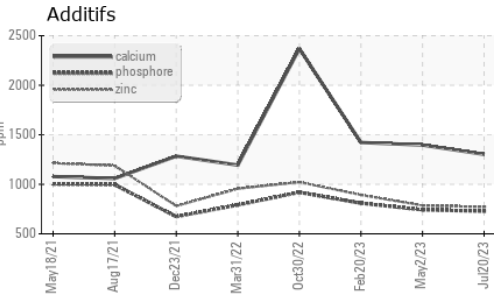
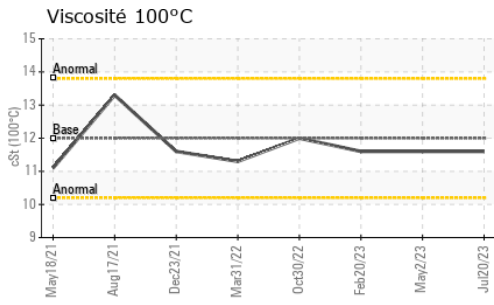
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|------|----------------|------|------|
| Silicium | ppm | ASTM D5185(m) | >25 | 15 | 8 | 9 |
| Potassium | ppm | ASTM D5185(m) | >20 | 2 | 2 | 2 |
| Essence | | WC Method | >3.0 | <1.0 | <1.0 | <1.0 |
| Glycol | | WC Method | | NEG | NEG | NEG |
| % de suie | % | ASTM D7844* | >4 | 0.8 | 0.5 | 0.5 |
| Nitration | Abs/cm | ASTM D7624* | >20 | 9.7 | 9.5 | 10.0 |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 22.8 | 21.0 | 24.3 |
| Eau émulsifiée | scalar | Visual* | >0.2 | NEG | NEG | NEG |

ÉTAT DU FLUIDE

Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'état de l'huile est acceptable pour la durée de service.

| | | | | | | |
|------------|----------|---------------|-------|--------------|------|------|
| Sodium | ppm | ASTM D5185(m) | | 3 | 2 | 4 |
| Bore | ppm | ASTM D5185(m) | 2 | 29 | 52 | 21 |
| Baryum | ppm | ASTM D5185(m) | 0 | 0 | 0 | 0 |
| Molybdène | ppm | ASTM D5185(m) | 50 | 1 | 7 | 15 |
| Manganèse | ppm | ASTM D5185(m) | 0 | <1 | <1 | <1 |
| Magnésium | ppm | ASTM D5185(m) | 950 | 743 | 728 | 699 |
| Calcium | ppm | ASTM D5185(m) | 1050 | 1302 | 1396 | 1422 |
| Phosphore | ppm | ASTM D5185(m) | 995 | 728 | 742 | 809 |
| Zinc | ppm | ASTM D5185(m) | 1180 | 771 | 785 | 892 |
| Soufre | ppm | ASTM D5185(m) | 2600 | 2357 | 2532 | 2553 |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 14.3 | 13.6 | 15.3 |
| Visc 100°C | cSt | ASTM D7279(m) | 12.00 | 11.6 | 11.6 | 11.6 |



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **GFL Environmental - 736 - Trois-Rivieres**
N° d'échantillon : GFL0081346 **Reçu** : 28 Jul 2023
N° de laboratoire : 02572840 **Diagnostiqué** : 28 Jul 2023
Numéro unique : 5617891 **Diagnostiqueur** : Kevin Marson
Analyse : MOB 1

2920 Bellefeuille, Trois-Rivieres, QC CA G9A 5R5
 Contact: Jean Demontigny jdemontigny@matrec.ca T: (819)378-4881 F:
 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.