



Identité de la machine

701081

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 | | PC0083967 | PC0077612 | PC0073213 |
| Date d'échant. | | Client Info | | 23 Jan 2024 | 11 Oct 2023 | 01 May 2023 |
| Âge d la Machine | kms | Client Info | | 83959 | 77506 | 67619 |
| Âge de l'huile | kms | Client Info | | 0 | 0 | 0 |
| Âge du filtre | kms | Client Info | | 0 | 0 | 0 |
| Huile changée | | Client Info | | Changed | N/A | Changed |
| Filtre changé | | Client Info | | Changed | N/A | Changed |
| Statut de l'échant. | | | | NORMAL | NORMAL | NORMAL |

USURE

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

| | | | | | | |
|-----------|-----|---------------|------|--------------|----|----|
| Fer | ppm | ASTM D5185(m) | >120 | 7 | 11 | 6 |
| Chrome | ppm | ASTM D5185(m) | >20 | 0 | 0 | 0 |
| Nickel | ppm | ASTM D5185(m) | >5 | 1 | 2 | <1 |
| Titane | ppm | ASTM D5185(m) | >2 | 0 | 0 | 0 |
| Argent | ppm | ASTM D5185(m) | >2 | 0 | <1 | 0 |
| Aluminium | ppm | ASTM D5185(m) | >20 | 2 | 4 | 2 |
| Plomb | ppm | ASTM D5185(m) | >40 | <1 | <1 | <1 |
| Cuivre | ppm | ASTM D5185(m) | >330 | 1 | 3 | 2 |
| Étain | ppm | ASTM D5185(m) | >15 | <1 | <1 | <1 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |

CONTAMINATION

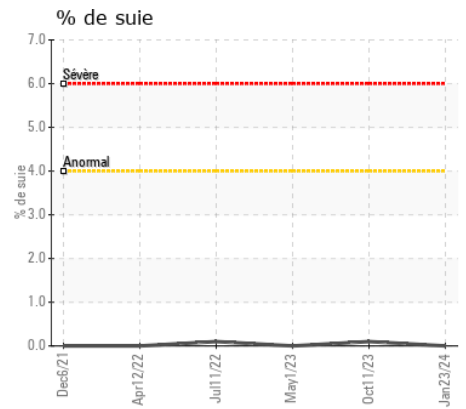
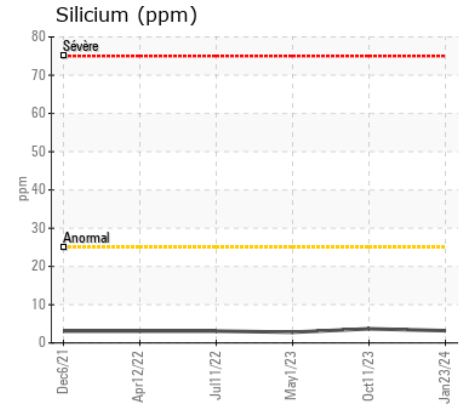
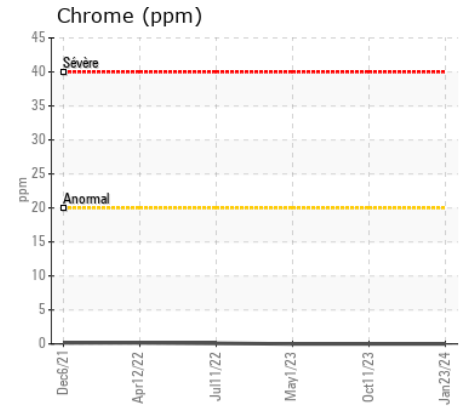
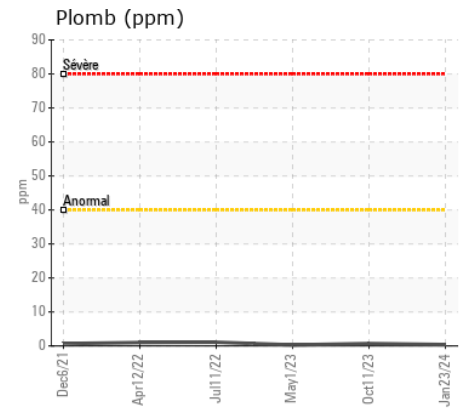
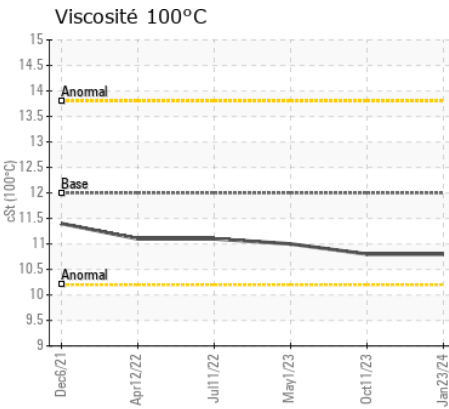
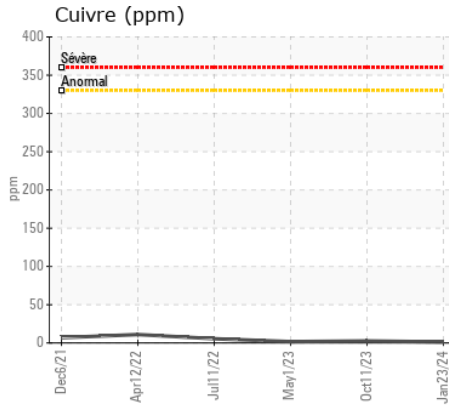
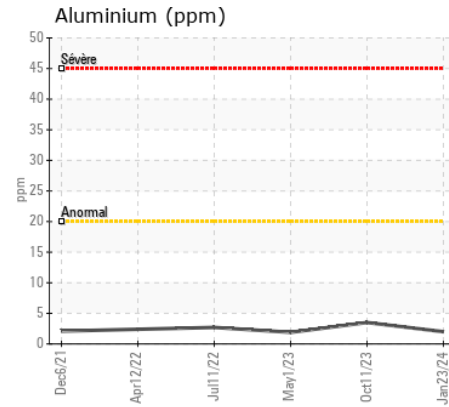
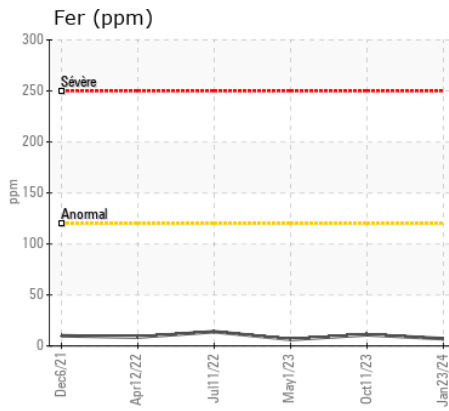
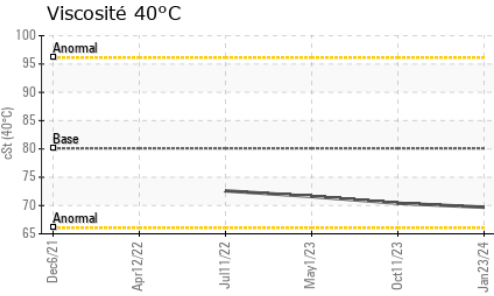
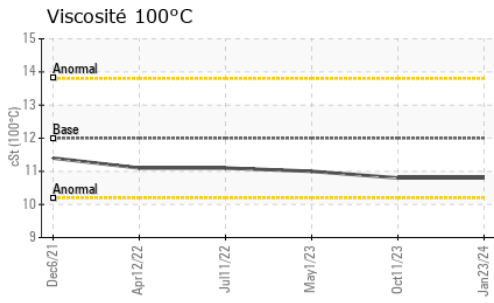
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|------|----------------|------|------|
| Silicium | ppm | ASTM D5185(m) | >25 | 3 | 4 | 3 |
| Potassium | ppm | ASTM D5185(m) | >20 | 4 | 8 | <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* | >4 | 0 | 0.1 | 0 |
| Nitration | Abs/cm | ASTM D7624* | >20 | 8.0 | 8.4 | 7.1 |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 19.2 | 20.1 | 18.5 |
| Eau émulsifiée | scalar | Visual* | >0.2 | NEG | NEG | NEG |

ÉTAT DU FLUIDE

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

| | | | | | | |
|--------------------------|----------|---------------|-------|-------------|------|------|
| Sodium | ppm | ASTM D5185(m) | | 2 | 3 | 2 |
| Bore | ppm | ASTM D5185(m) | 2 | 7 | 8 | 16 |
| Baryum | ppm | ASTM D5185(m) | 0 | 0 | <1 | 0 |
| Molybdène | ppm | ASTM D5185(m) | 50 | 57 | 63 | 62 |
| Manganèse | ppm | ASTM D5185(m) | 0 | 0 | 0 | <1 |
| Magnésium | ppm | ASTM D5185(m) | 950 | 915 | 968 | 930 |
| Calcium | ppm | ASTM D5185(m) | 1050 | 1103 | 1090 | 1128 |
| Phosphore | ppm | ASTM D5185(m) | 995 | 978 | 977 | 1067 |
| Zinc | ppm | ASTM D5185(m) | 1180 | 1130 | 1209 | 1174 |
| Soufre | ppm | ASTM D5185(m) | 2600 | 2590 | 2479 | 2664 |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 15.3 | 16.0 | 14.1 |
| Visc 40°C | cSt | ASTM D7279(m) | 80.1 | 69.7 | 70.4 | 71.6 |
| Visc 100°C | cSt | ASTM D7279(m) | 12.00 | 10.8 | 10.8 | 11.0 |
| Indice de viscosité (VI) | Scale | ASTM D2270* | 144 | 144 | 142 | 143 |



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 737 - Quebec City Hauling
N° d'échantillon : PC0083967 **Reçu** : 25 Jan 2024
N° de laboratoire : 02611078 **Diagnostiqué** : 25 Jan 2024
Numéro unique : 5720173 **Diagnostiqueur** : Wes Davis
Analyse : MOB 1 (Additional Tests: KV40, VI)

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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