



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

Identité de la machine

19-21

Composant

Moteur diesel

Fluid

PETRO CANADA DURON UHP 5W40 (--- 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 | | PC0074248 | PC0068986 | PC0068991 |
| Date d'échant. | | Client Info | | 26 Feb 2024 | 14 Dec 2023 | 01 Nov 2023 |
| Âge d la Machine | hrs | Client Info | | 10257 | 9912 | 9335 |
| Âge de l'huile | hrs | Client Info | | 114 | 377 | 353 |
| Âge du filtre | hrs | Client Info | | 114 | 377 | 353 |
| Huile changée | | Client Info | | Changed | Changed | Changed |
| Filtre changé | | Client Info | | Changed | Changed | Changed |
| Statut de l'échant. | | | | NORMAL | NORMAL | NORMAL |

USURE

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

| | | | | | | |
|-----------|-----|---------------|------|-----------|----|----|
| Fer | ppm | ASTM D5185(m) | >65 | 19 | 17 | 26 |
| Chrome | ppm | ASTM D5185(m) | >5 | 2 | 1 | 2 |
| Nickel | ppm | ASTM D5185(m) | >3 | 0 | <1 | 0 |
| Titane | ppm | ASTM D5185(m) | >5 | 0 | 0 | 0 |
| Argent | ppm | ASTM D5185(m) | >2 | 0 | 0 | <1 |
| Aluminium | ppm | ASTM D5185(m) | >35 | 13 | 7 | 6 |
| Plomb | ppm | ASTM D5185(m) | >10 | 0 | 0 | 0 |
| Cuivre | ppm | ASTM D5185(m) | >180 | 15 | 4 | 3 |
| Étain | ppm | ASTM D5185(m) | >8 | 0 | <1 | 0 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |

CONTAMINATION

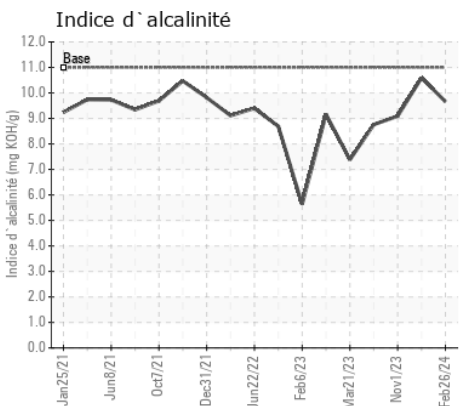
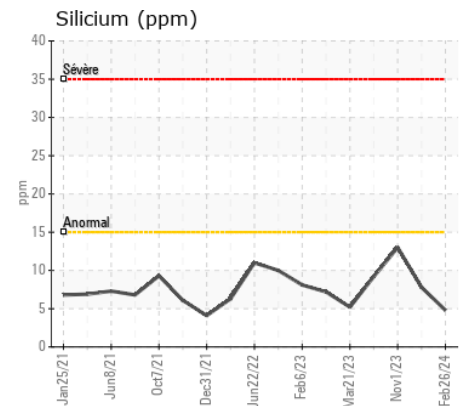
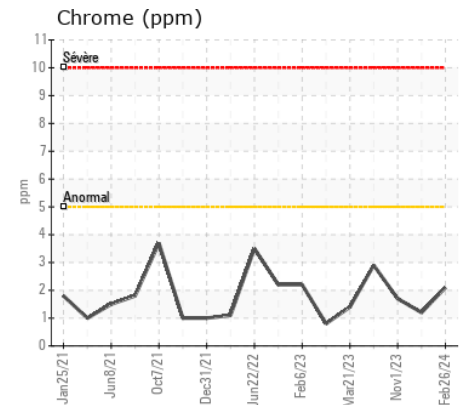
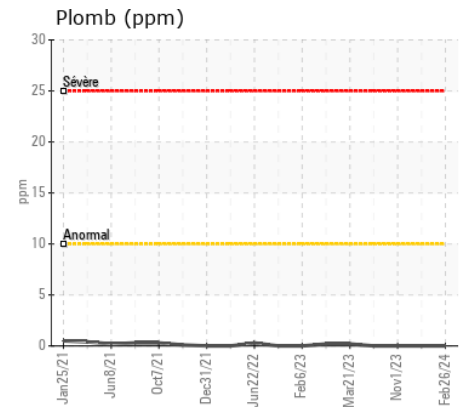
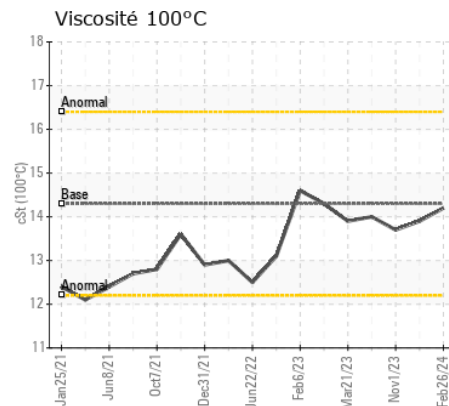
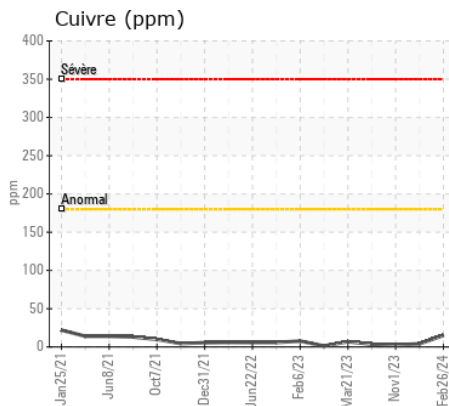
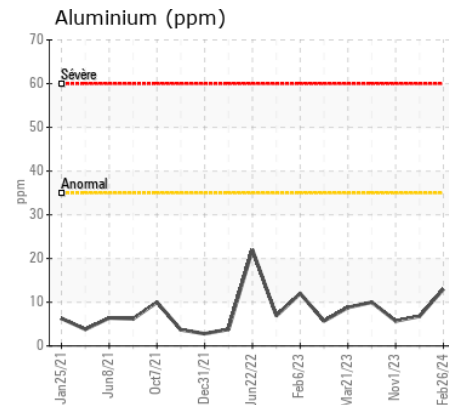
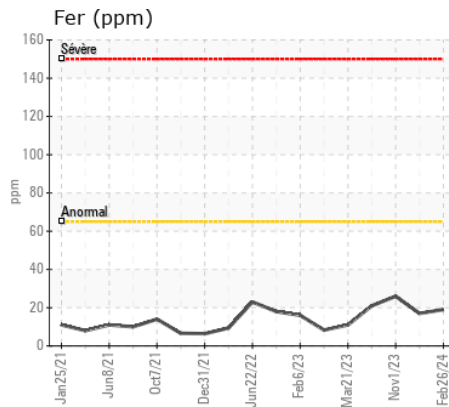
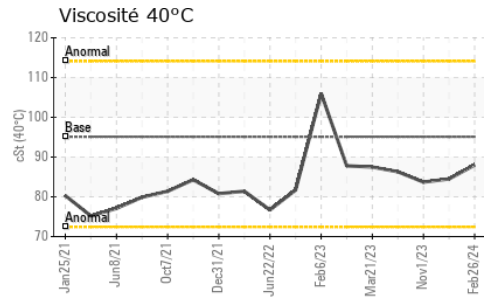
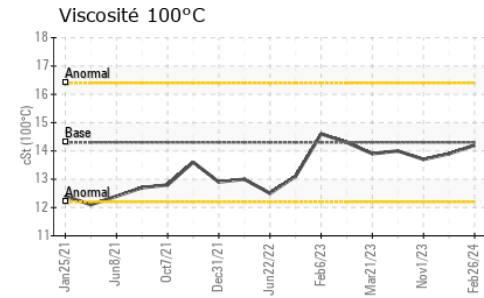
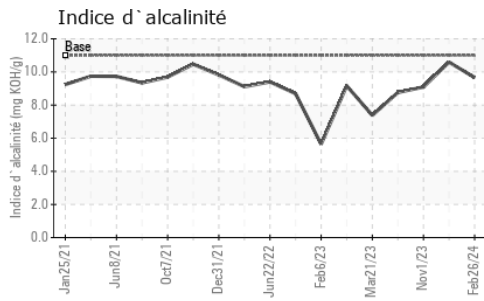
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|------|----------------|------|------|
| Silicium | ppm | ASTM D5185(m) | >15 | 5 | 8 | 13 |
| Potassium | ppm | ASTM D5185(m) | >20 | 2 | 4 | 2 |
| 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* | >3 | 0 | 0.1 | 0.1 |
| Nitration | Abs/cm | ASTM D7624* | >20 | 6.6 | 7.9 | 7.2 |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 19.4 | 20.6 | 21.3 |
| 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) | | 4 | 6 | 5 |
| Bore | ppm | ASTM D5185(m) | 65 | 39 | 35 | 40 |
| Baryum | ppm | ASTM D5185(m) | 0 | 0 | 0 | <1 |
| Molybdène | ppm | ASTM D5185(m) | 65 | 53 | 57 | 51 |
| Manganèse | ppm | ASTM D5185(m) | 0 | 0 | 0 | 0 |
| Magnésium | ppm | ASTM D5185(m) | 1160 | 1040 | 1044 | 953 |
| Calcium | ppm | ASTM D5185(m) | 820 | 827 | 880 | 910 |
| Phosphore | ppm | ASTM D5185(m) | 1160 | 937 | 985 | 945 |
| Zinc | ppm | ASTM D5185(m) | 1260 | 1106 | 1168 | 1098 |
| Soufre | ppm | ASTM D5185(m) | 3000 | 2611 | 2826 | 2584 |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 16.2 | 17.9 | 18.3 |
| Indice d'alcalinité | mg KOH/g | ASTM D2896* | 11.0 | 9.66 | 10.59 | 9.09 |
| Visc 40°C | cSt | ASTM D7279(m) | 95.1 | 88.0 | 84.5 | 83.7 |
| Visc 100°C | cSt | ASTM D7279(m) | 14.3 | 14.2 | 13.9 | 13.7 |
| Indice de viscosité (VI) | Scale | ASTM D2270* | 169 | 167 | 169 | 167 |



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0074248
N° de laboratoire : 02623313
Numéro unique : 5748432
Analyse : MOB 2 (Additional Tests: KV40, VI)

Reçu : 20 Mar 2024
Tested : 21 Mar 2024
Diagnostiqué : 21 Mar 2024 - Wes Davis

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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