



Identité de la machine

370

Composant

Moteur diesel

Fluid

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

RECOMMENDATION

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. Veuillez préciser la marque et le modèle du composant lors du prochain échantillon.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|---------------------|-----|-------------|-----------|--------------------|----------|----------|
| Numéro d'échant. | | Client Info | | PC0073159 | --- | --- |
| Date d'échant. | | Client Info | | 10 Oct 2023 | --- | --- |
| Âge d la Machine | hrs | Client Info | | 40538 | --- | --- |
| Âge de l'huile | hrs | Client Info | | 40538 | --- | --- |
| Âge du filtre | hrs | Client Info | | 40538 | --- | --- |
| Huile changée | | Client Info | | Not Chngd | --- | --- |
| Filtre changé | | Client Info | | Not Chngd | --- | --- |
| Statut de l'échant. | | | | NORMAL | --- | --- |

USURE

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

| | | | | | | |
|-------------|--------|---------------|------|--------------|-----|-----|
| Fer | ppm | ASTM D5185(m) | >100 | 48 | --- | --- |
| Chrome | ppm | ASTM D5185(m) | >20 | 1 | --- | --- |
| Nickel | ppm | ASTM D5185(m) | >4 | <1 | --- | --- |
| Titane | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Argent | ppm | ASTM D5185(m) | >3 | 0 | --- | --- |
| Aluminium | ppm | ASTM D5185(m) | >20 | 57 | --- | --- |
| Plomb | ppm | ASTM D5185(m) | >40 | 6 | --- | --- |
| Cuivre | ppm | ASTM D5185(m) | >330 | 177 | --- | --- |
| Étain | ppm | ASTM D5185(m) | >15 | <1 | --- | --- |
| Vanadium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Métal blanc | scalar | Visual* | NONE | VLITE | --- | --- |
| Bronze | scalar | Visual* | NONE | NONE | --- | --- |

CONTAMINATION

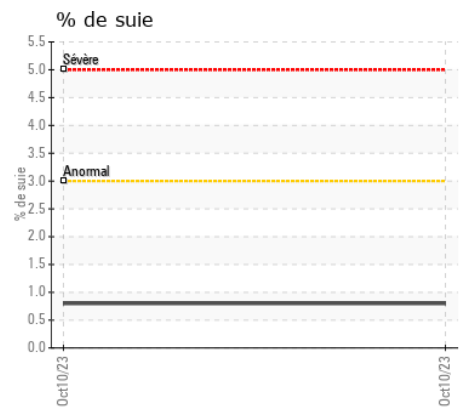
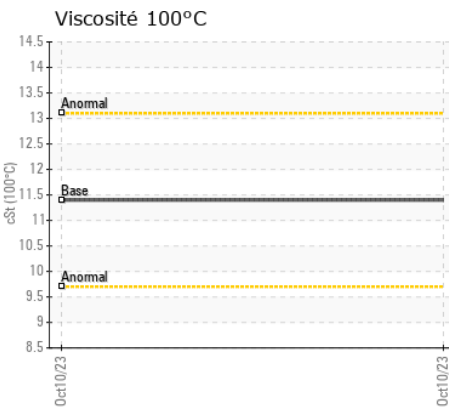
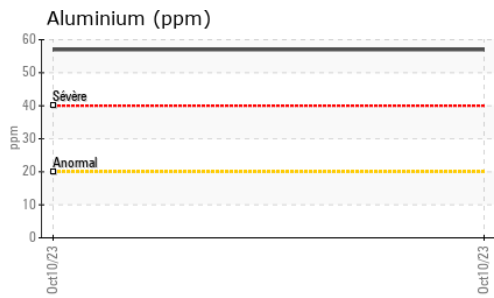
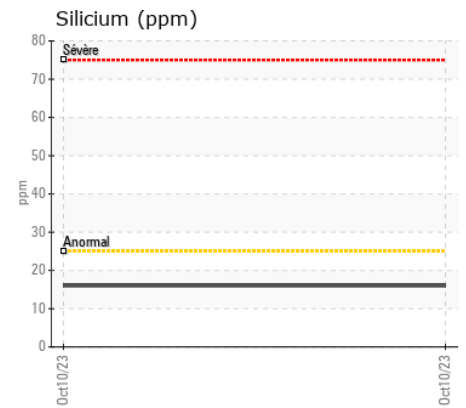
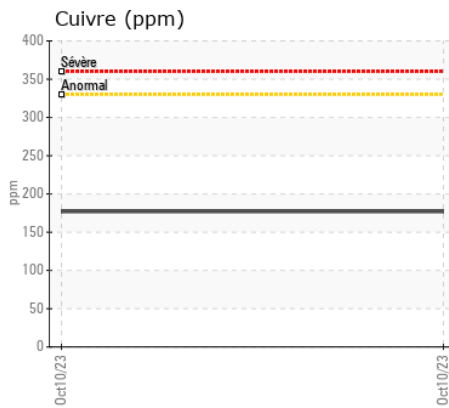
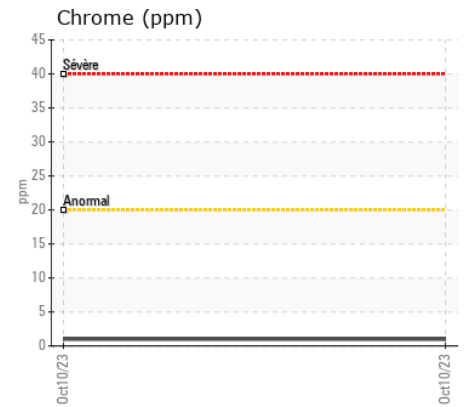
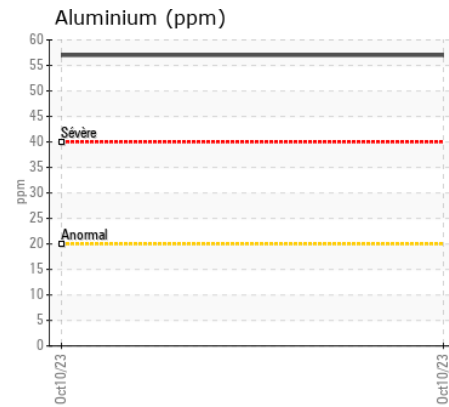
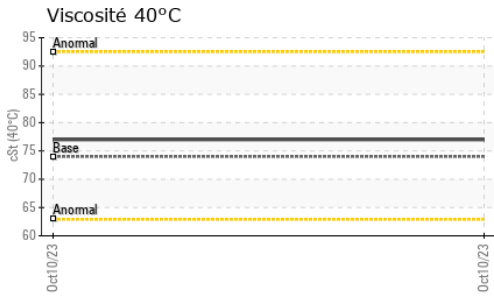
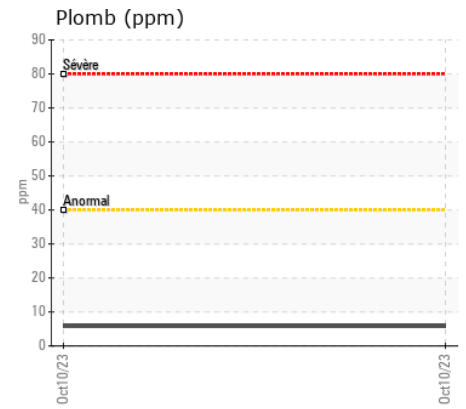
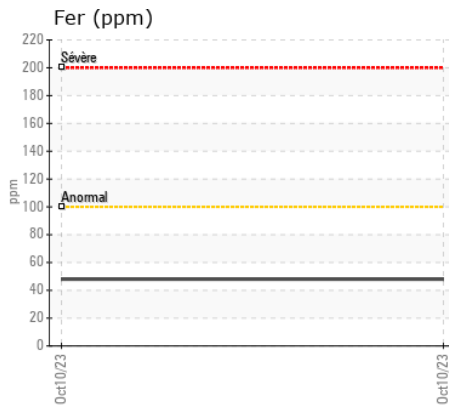
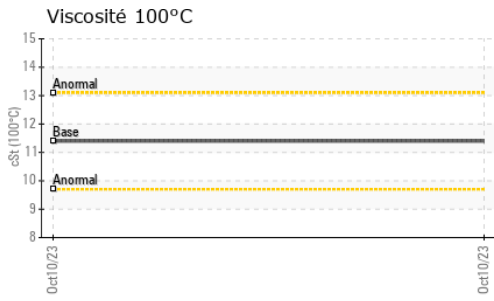
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|-------|----------------|-----|-----|
| Silicium | ppm | ASTM D5185(m) | >25 | 16 | --- | --- |
| Potassium | ppm | ASTM D5185(m) | >20 | 141 | --- | --- |
| Essence | | WC Method | >5 | <1.0 | --- | --- |
| L'eau | | WC Method | >0.2 | NEG | --- | --- |
| Glycol | | WC Method | | NEG | --- | --- |
| % de suie | % | ASTM D7844* | >3 | 0.8 | --- | --- |
| Nitration | Abs/cm | ASTM D7624* | >20 | 8.6 | --- | --- |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 21.6 | --- | --- |
| Limon | scalar | Visual* | NONE | VLITE | --- | --- |
| Débris | scalar | Visual* | NONE | NONE | --- | --- |
| Saleté | scalar | Visual* | NONE | NONE | --- | --- |
| Apparence | scalar | Visual* | NORML | NORML | --- | --- |
| Odeur | scalar | Visual* | NORML | NORML | --- | --- |
| Eau émulsifiée | scalar | Visual* | >0.2 | 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) | | 6 | --- | --- |
| Bore | ppm | ASTM D5185(m) | 1 | 42 | --- | --- |
| Baryum | ppm | ASTM D5185(m) | 1 | <1 | --- | --- |
| Molybdène | ppm | ASTM D5185(m) | 1 | 64 | --- | --- |
| Manganèse | ppm | ASTM D5185(m) | 1 | 3 | --- | --- |
| Magnésium | ppm | ASTM D5185(m) | 10 | 389 | --- | --- |
| Calcium | ppm | ASTM D5185(m) | 2942 | 1843 | --- | --- |
| Phosphore | ppm | ASTM D5185(m) | 1102 | 1009 | --- | --- |
| Zinc | ppm | ASTM D5185(m) | 1351 | 1176 | --- | --- |
| Soufre | ppm | ASTM D5185(m) | 3903 | 2691 | --- | --- |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 17.0 | --- | --- |
| Visc 40°C | cSt | ASTM D7279(m) | 74.0 | 77.0 | --- | --- |
| Visc 100°C | cSt | ASTM D7279(m) | 11.4 | 11.4 | --- | --- |
| Indice de viscosité (VI) | Scale | ASTM D2270* | 146 | 139 | --- | --- |



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0073159
N° de laboratoire : 02608458
Numéro unique : 5709544
Analyse : MOB 1 (Additional Tests: KV40, VI, Visual)

Reçu : 12 Jan 2024
Diagnostiqué : 15 Jan 2024
Diagnostiqueur : Kevin Marson

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.

Transport Dynapro

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