



RAPPORT D'ANALYSE D'HUILE

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



Identité de la machine

503

Composant

Moteur diesel

Fluid

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

RECOMMANDATION

Confirmez la source du lubrifiant utilisé pour l'appoint/remplissage. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. (Customer Sample Comment: New unit)

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|---------------------|-----|-------------|-----------|--------------------|----------|----------|
| Numéro d'échant. | | Client Info | | WC0928204 | --- | --- |
| Date d'échant. | | Client Info | | 13 Mar 2024 | --- | --- |
| Âge d la Machine | kms | Client Info | | 745947 | --- | --- |
| Âge de l'huile | kms | Client Info | | 0 | --- | --- |
| Âge du filtre | kms | Client Info | | 0 | --- | --- |
| Huile changée | | Client Info | | Changed | --- | --- |
| Filtre changé | | Client Info | | Changed | --- | --- |
| Statut de l'échant. | | | | NORMAL | --- | --- |

USURE

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

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

CONTAMINATION

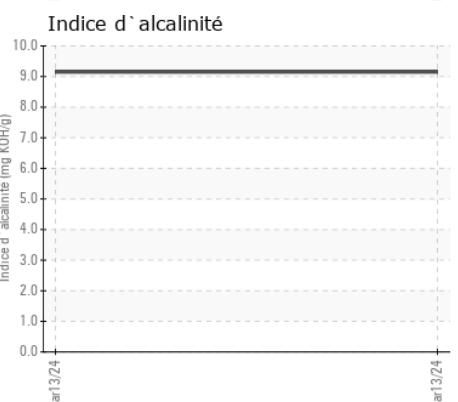
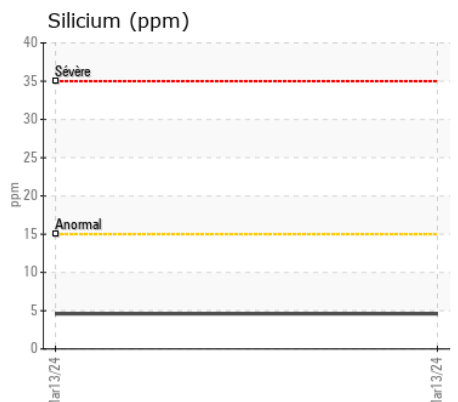
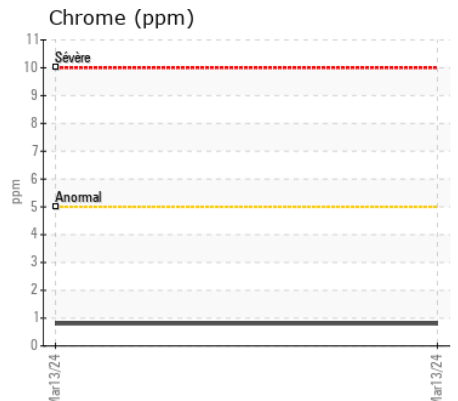
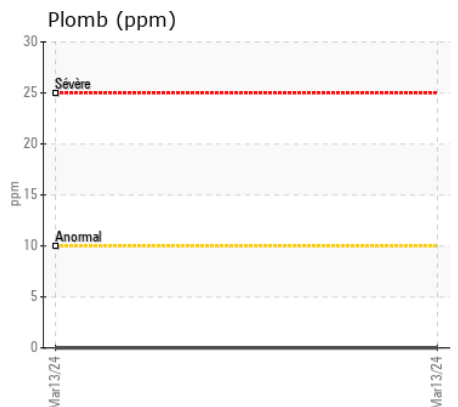
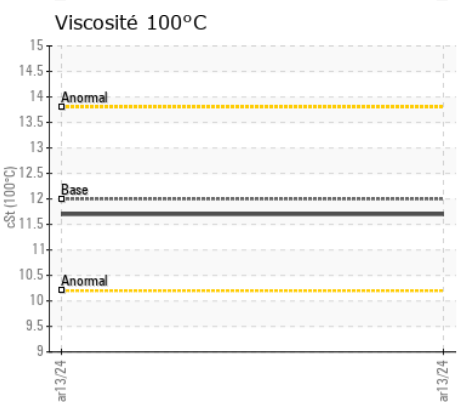
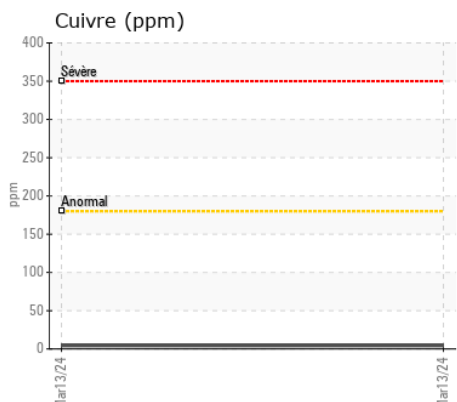
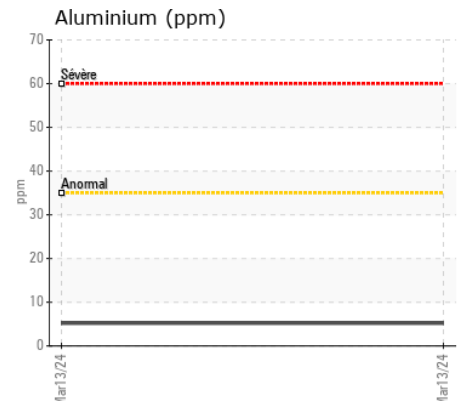
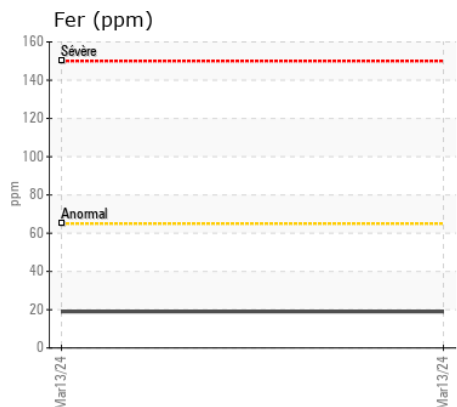
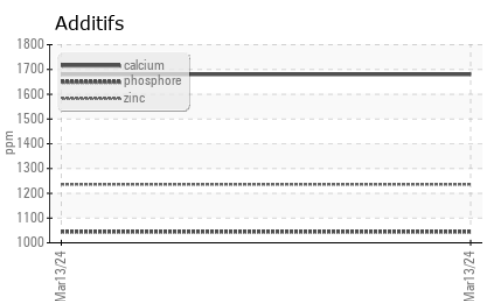
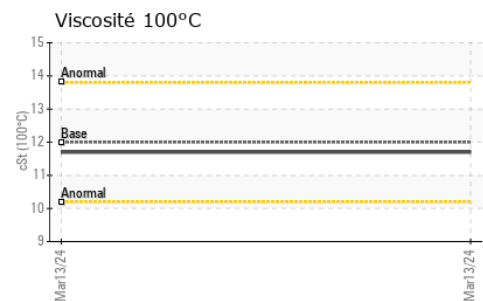
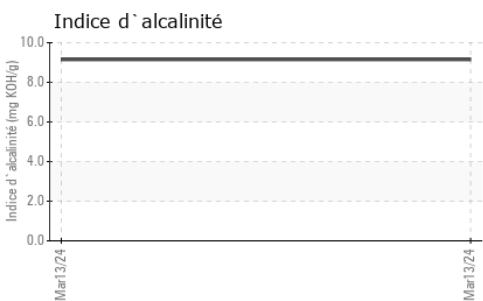
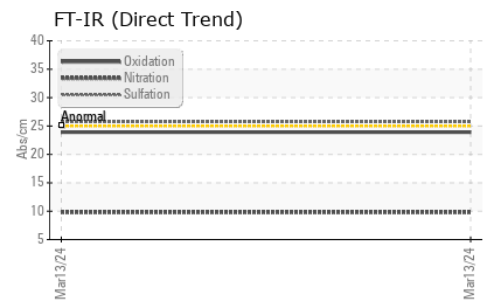
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|------|----------------|-----|-----|
| Silicium | ppm | ASTM D5185(m) | >15 | 5 | --- | --- |
| Potassium | ppm | ASTM D5185(m) | >20 | <1 | --- | --- |
| Essence | | WC Method | >3.0 | <1.0 | --- | --- |
| L'eau | | WC Method | >0.2 | NEG | --- | --- |
| Glycol | | WC Method | | NEG | --- | --- |
| % de suie | % | ASTM D7844* | >3 | 0.4 | --- | --- |
| Nitration | Abs/cm | ASTM D7624* | >20 | 9.8 | --- | --- |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 25.7 | --- | --- |
| 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. 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) | | 3 | --- | --- |
| Bore | ppm | ASTM D5185(m) | 2 | 32 | --- | --- |
| Baryum | ppm | ASTM D5185(m) | 0 | 0 | --- | --- |
| Molybdène | ppm | ASTM D5185(m) | 50 | 52 | --- | --- |
| Manganèse | ppm | ASTM D5185(m) | 0 | <1 | --- | --- |
| Magnésium | ppm | ASTM D5185(m) | 950 | 517 | --- | --- |
| Calcium | ppm | ASTM D5185(m) | 1050 | 1680 | --- | --- |
| Phosphore | ppm | ASTM D5185(m) | 995 | 1045 | --- | --- |
| Zinc | ppm | ASTM D5185(m) | 1180 | 1236 | --- | --- |
| Soufre | ppm | ASTM D5185(m) | 2600 | 2555 | --- | --- |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 23.9 | --- | --- |
| Indice d'alcalinité | mg KOH/g | ASTM D2896* | | 9.15 | --- | --- |
| Visc 100°C | cSt | ASTM D7279(m) | 12.00 | 11.7 | --- | --- |



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WC0928204
N° de laboratoire : 02628080
Reçu : 11 Apr 2024
Tested : 11 Apr 2024
Numéro unique : 5761212
Diagnostiqué : 11 Apr 2024 - Kevin Marson
Analyse : MOB 2

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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F: