



RAPPORT D'ANALYSE D'HUILE

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



Secteur
[407981]
 Identité de la machine
930015
 Composant
Moteur diesel
 Fluide
PETRO CANADA DURON SHP 15W40 (--- GAL)

RECOMMANDATION

Aucune mesure corrective n'est recommandée pour l'instant. 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 | | CU0022584 | --- | --- |
| Date d'échant. | | Client Info | | 13 Nov 2023 | --- | --- |
| Âge d la Machine | kms | Client Info | | 84670 | --- | --- |
| 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 de métaux sont typiques pour la période de rodage d'un nouveau composant.

| | | | | | | |
|-----------|-----|---------------|------|--------------|-----|-----|
| Fer | ppm | ASTM D5185(m) | >120 | 11 | --- | --- |
| Chrome | ppm | ASTM D5185(m) | >20 | <1 | --- | --- |
| Nickel | ppm | ASTM D5185(m) | >5 | <1 | --- | --- |
| Titane | ppm | ASTM D5185(m) | >2 | 0 | --- | --- |
| Argent | ppm | ASTM D5185(m) | >2 | <1 | --- | --- |
| Aluminium | ppm | ASTM D5185(m) | >20 | 8 | --- | --- |
| Plomb | ppm | ASTM D5185(m) | >40 | <1 | --- | --- |
| Cuivre | ppm | ASTM D5185(m) | >330 | <1 | --- | --- |
| Étain | ppm | ASTM D5185(m) | >15 | <1 | --- | --- |
| Vanadium | ppm | ASTM D5185(m) | | 0 | --- | --- |

CONTAMINATION

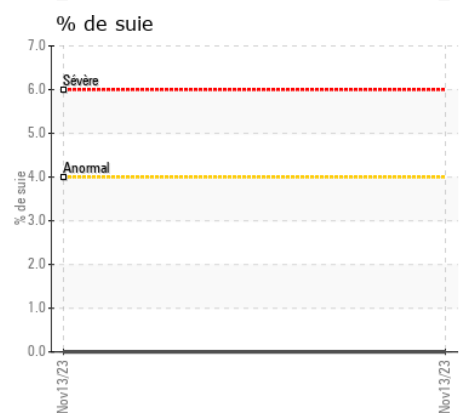
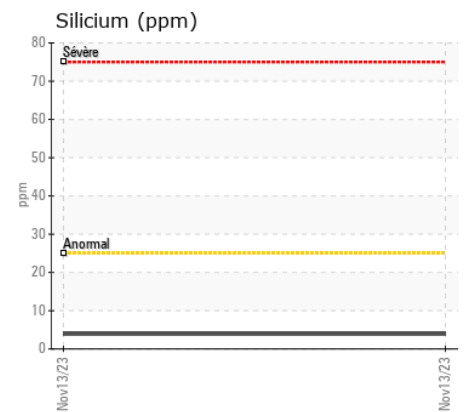
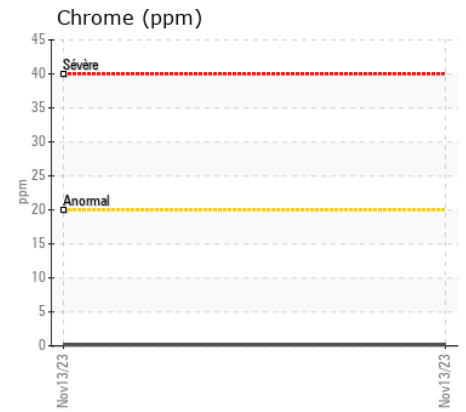
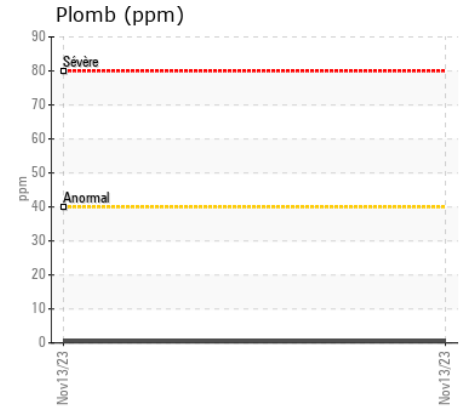
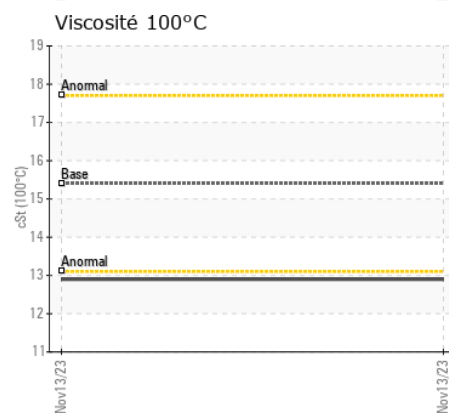
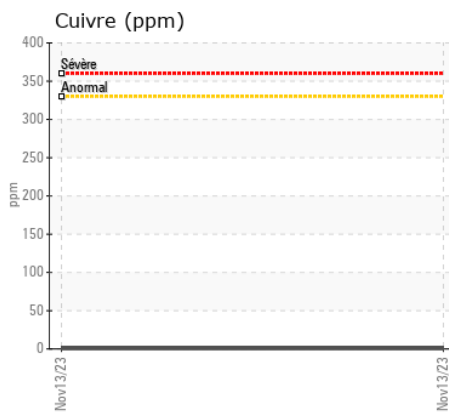
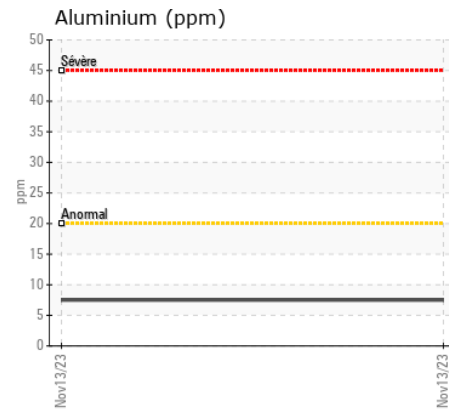
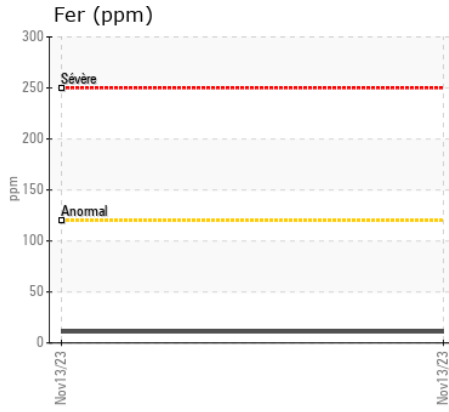
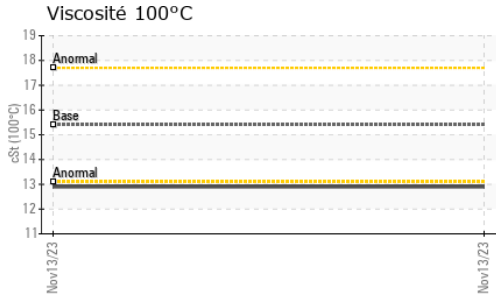
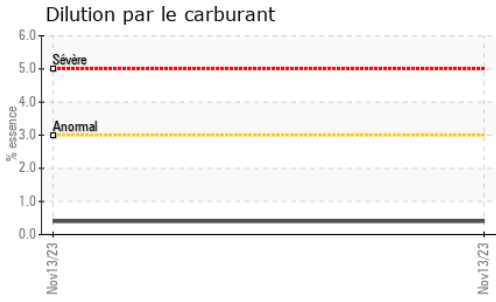
La teneur en carburant est négligeable. Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|------|-------------|-----|-----|
| Silicium | ppm | ASTM D5185(m) | >25 | 4 | --- | --- |
| Potassium | ppm | ASTM D5185(m) | >20 | 3 | --- | --- |
| Essence | % | ASTM D7593* | >3.0 | 0.4 | --- | --- |
| Glycol | | WC Method | | NEG | --- | --- |
| % de suie | % | ASTM D7844* | >4 | 0 | --- | --- |
| Nitration | Abs/cm | ASTM D7624* | >20 | 8.5 | --- | --- |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 19.6 | --- | --- |
| 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) | | 2 | --- | --- |
| Bore | ppm | ASTM D5185(m) | 0 | 18 | --- | --- |
| Baryum | ppm | ASTM D5185(m) | 0 | <1 | --- | --- |
| Molybdène | ppm | ASTM D5185(m) | 60 | 35 | --- | --- |
| Manganèse | ppm | ASTM D5185(m) | 0 | 0 | --- | --- |
| Magnésium | ppm | ASTM D5185(m) | 1010 | 294 | --- | --- |
| Calcium | ppm | ASTM D5185(m) | 1070 | 1915 | --- | --- |
| Phosphore | ppm | ASTM D5185(m) | 1150 | 831 | --- | --- |
| Zinc | ppm | ASTM D5185(m) | 1270 | 1031 | --- | --- |
| Soufre | ppm | ASTM D5185(m) | 2060 | 2517 | --- | --- |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 14.4 | --- | --- |
| Visc 100°C | cSt | ASTM D7279(m) | 15.4 | 12.9 | --- | --- |



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 737 - Quebec City Hauling
N° d'échantillon : CU0022584 **Reçu** : 16 Nov 2023
N° de laboratoire : 02596742 **Diagnostiqué** : 17 Nov 2023
Numéro unique : 5681822 **Diagnostiqueur** : Kevin Marson
Analyse : MOB 1 (Additional Tests: FuelDilution, PercentFuel)

6205 Boul. Wilfrid Hamel,
Quebec City, QC
CA G2E 5G8
Contact: Dave Beaulieu
davebeaulieu@matrec.ca

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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