



|                |               |
|----------------|---------------|
| USURE          | <b>NORMAL</b> |
| CONTAMINATION  | <b>NORMAL</b> |
| ÉTAT DU FLUIDE | <b>NORMAL</b> |

Identité de la machine

**515622**

Composant

**Moteur à essence**

Fluide

**PETRO CANADA SUPREME 5W30 (--- 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 |           | <b>PC0073404</b>   | PC0074340   | ---      |
| Date d'échant.      |     | Client Info |           | <b>02 Oct 2023</b> | 26 Jul 2023 | ---      |
| Âge d la Machine    | kms | Client Info |           | <b>54128</b>       | 0           | ---      |
| Âge de l'huile      | kms | Client Info |           | <b>12840</b>       | 41287       | ---      |
| Âge du filtre       | kms | Client Info |           | <b>12840</b>       | 41287       | ---      |
| Huile changée       |     | Client Info |           | <b>N/A</b>         | Changed     | ---      |
| Filtre changé       |     | Client Info |           | <b>N/A</b>         | Changed     | ---      |
| Statut de l'échant. |     |             |           | <b>NORMAL</b>      | ABNORMAL    | ---      |

**USURE**

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

|             |        |               |      |              |       |     |
|-------------|--------|---------------|------|--------------|-------|-----|
| Fer         | ppm    | ASTM D5185(m) | >150 | <b>6</b>     | 8     | --- |
| Chrome      | ppm    | ASTM D5185(m) | >20  | <b>0</b>     | <1    | --- |
| Nickel      | ppm    | ASTM D5185(m) | >5   | <b>&lt;1</b> | 0     | --- |
| Titane      | ppm    | ASTM D5185(m) |      | <b>0</b>     | 0     | --- |
| Argent      | ppm    | ASTM D5185(m) | >2   | <b>0</b>     | 0     | --- |
| Aluminium   | ppm    | ASTM D5185(m) | >40  | <b>2</b>     | 2     | --- |
| Plomb       | ppm    | ASTM D5185(m) | >50  | <b>&lt;1</b> | 0     | --- |
| Cuivre      | ppm    | ASTM D5185(m) | >155 | <b>1</b>     | 1     | --- |
| Étain       | ppm    | ASTM D5185(m) | >10  | <b>0</b>     | 0     | --- |
| Vanadium    | ppm    | ASTM D5185(m) |      | <b>0</b>     | 0     | --- |
| Métal blanc | scalar | Visual*       | NONE | <b>VLITE</b> | VLITE | --- |
| Bronze      | scalar | Visual*       | NONE | <b>NONE</b>  | NONE  | --- |

**CONTAMINATION**

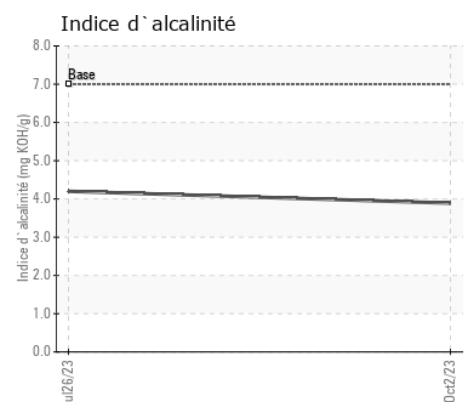
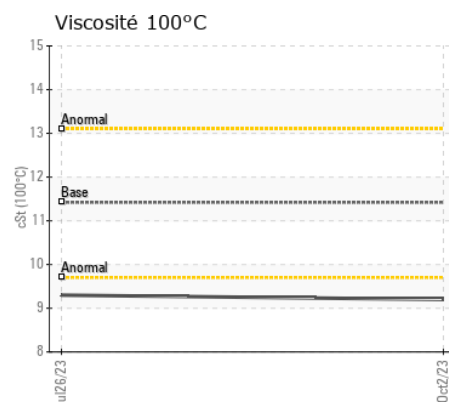
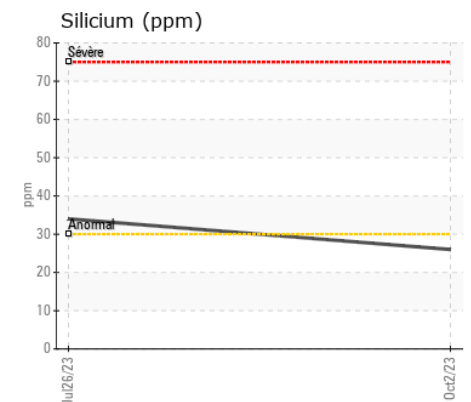
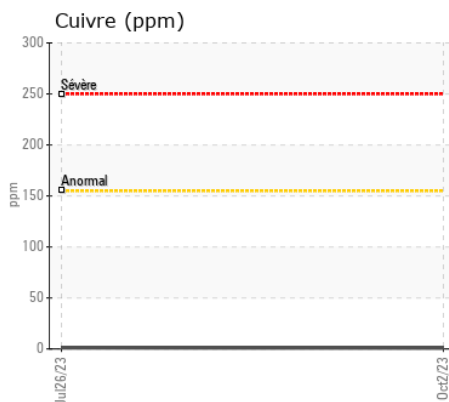
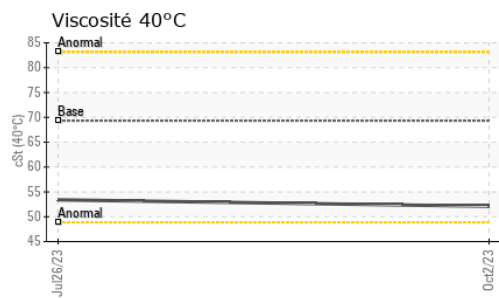
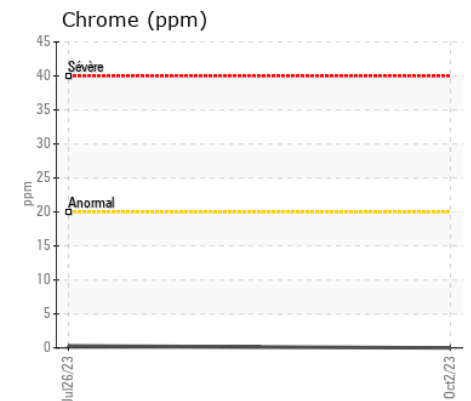
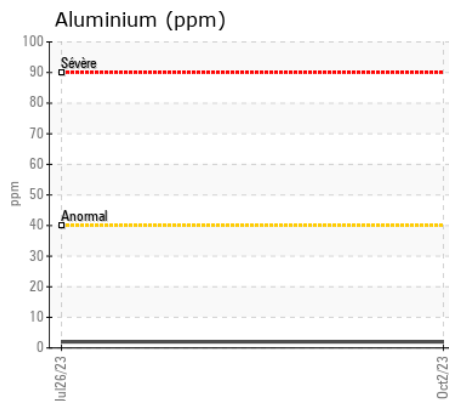
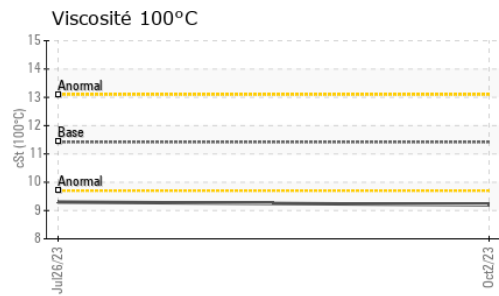
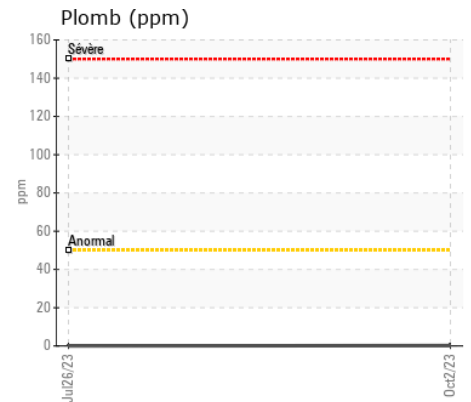
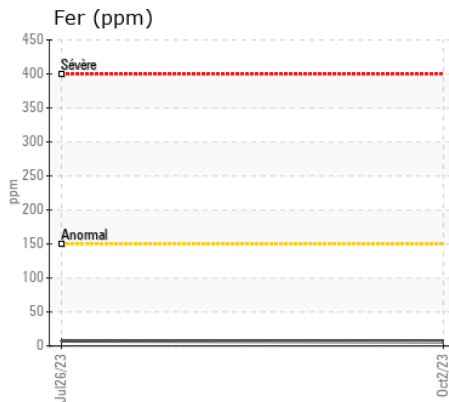
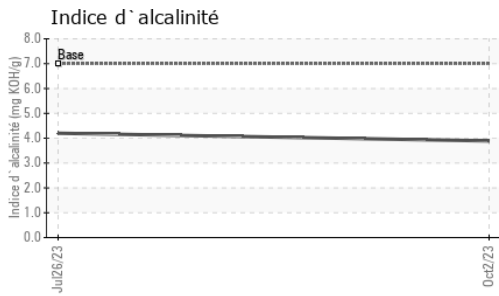
Il n'y a aucun indice de contamination dans l'huile.

|                |          |               |       |                |       |     |
|----------------|----------|---------------|-------|----------------|-------|-----|
| Silicium       | ppm      | ASTM D5185(m) | >30   | <b>26</b>      | ▲ 34  | --- |
| Potassium      | ppm      | ASTM D5185(m) | >20   | <b>0</b>       | 1     | --- |
| Essence        |          | WC Method     | >4.0  | <b>&lt;1.0</b> | 1.7   | --- |
| Glycol         |          | WC Method     |       | <b>NEG</b>     | NEG   | --- |
| % de suie      | %        | ASTM D7844*   |       | <b>0</b>       | 0     | --- |
| Nitration      | Abs/cm   | ASTM D7624*   | >20   | <b>12.5</b>    | 12.7  | --- |
| Sulfatation    | Abs/.1mm | ASTM D7415*   | >30   | <b>25.8</b>    | 26.7  | --- |
| Limon          | scalar   | Visual*       | NONE  | <b>NONE</b>    | LIGHT | --- |
| Débris         | scalar   | Visual*       | NONE  | <b>NONE</b>    | NONE  | --- |
| Saleté         | scalar   | Visual*       | NONE  | <b>NONE</b>    | NONE  | --- |
| Apparence      | scalar   | Visual*       | NORML | <b>NORML</b>   | NORML | --- |
| Odeur          | scalar   | Visual*       | NORML | <b>NORML</b>   | NORML | --- |
| Eau émulsifiée | scalar   | Visual*       | >0.2  | <b>NEG</b>     | 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) | >400  | <b>4</b>     | 7    | --- |
| Bore                     | ppm      | ASTM D5185(m) | 186   | <b>31</b>    | 36   | --- |
| Baryum                   | ppm      | ASTM D5185(m) | <1    | <b>&lt;1</b> | 0    | --- |
| Molybdène                | ppm      | ASTM D5185(m) | 79    | <b>70</b>    | 69   | --- |
| Manganèse                | ppm      | ASTM D5185(m) | 0     | <b>0</b>     | <1   | --- |
| Magnésium                | ppm      | ASTM D5185(m) | 578   | <b>497</b>   | 501  | --- |
| Calcium                  | ppm      | ASTM D5185(m) | 1002  | <b>1213</b>  | 1230 | --- |
| Phosphore                | ppm      | ASTM D5185(m) | 745   | <b>668</b>   | 682  | --- |
| Zinc                     | ppm      | ASTM D5185(m) | 837   | <b>738</b>   | 744  | --- |
| Soufre                   | ppm      | ASTM D5185(m) | 2502  | <b>2304</b>  | 2358 | --- |
| Oxydation                | Abs/.1mm | ASTM D7414*   | >25   | <b>19.6</b>  | 19.8 | --- |
| Indice d'alcalinité      | mg KOH/g | ASTM D2896*   | 7.0   | <b>3.89</b>  | 4.20 | --- |
| Visc 40°C                | cSt      | ASTM D7279(m) | 69.33 | <b>52.1</b>  | 53.4 | --- |
| Visc 100°C               | cSt      | ASTM D7279(m) | 11.42 | <b>9.2</b>   | 9.3  | --- |
| Indice de viscosité (VI) | Scale    | ASTM D2270*   | 159   | <b>159</b>   | 157  | --- |



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0073404 **Reçu** : 16 Oct 2023  
**N° de laboratoire** : 02589280 **Diagnostiqué** : 18 Oct 2023  
**Numéro unique** : 5658346 **Diagnostiqueur** : Wes Davis  
**Analyse** : MOB 2 ( Additional Tests: KV40, VI )

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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.