



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

Identité de la machine

**4023**

Composant

**Moteur à essence**

Fluid

**GASOLINE ENGINE OIL SAE 5W30 (--- LTR)**

**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>PC0079130</b>   | PC0074156   | PC0073497   |
| Date d'échant.      |     | Client Info |           | <b>22 Jan 2024</b> | 09 Oct 2023 | 30 May 2023 |
| Âge d la Machine    | kms | Client Info |           | <b>77957</b>       | 0           | 0           |
| Âge de l'huile      | kms | Client Info |           | <b>5281</b>        | 4472        | 5441        |
| Âge du filtre       | kms | Client Info |           | <b>5281</b>        | 4472        | 5441        |
| Huile changée       |     | Client Info |           | <b>Changed</b>     | Changed     | Changed     |
| Filtre changé       |     | Client Info |           | <b>Changed</b>     | Changed     | Changed     |
| Statut de l'échant. |     |             |           | <b>NORMAL</b>      | NORMAL      | NORMAL      |

**USURE**

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

|             |        |               |      |              |      |      |
|-------------|--------|---------------|------|--------------|------|------|
| Fer         | ppm    | ASTM D5185(m) | >150 | <b>4</b>     | 5    | 5    |
| Chrome      | ppm    | ASTM D5185(m) | >20  | <b>&lt;1</b> | 0    | <1   |
| Nickel      | ppm    | ASTM D5185(m) | >5   | <b>&lt;1</b> | <1   | <1   |
| Titane      | ppm    | ASTM D5185(m) |      | <b>0</b>     | 0    | 0    |
| Argent      | ppm    | ASTM D5185(m) | >2   | <b>0</b>     | <1   | 0    |
| Aluminium   | ppm    | ASTM D5185(m) | >40  | <b>2</b>     | 1    | 2    |
| Plomb       | ppm    | ASTM D5185(m) | >50  | <b>&lt;1</b> | <1   | <1   |
| Cuivre      | ppm    | ASTM D5185(m) | >155 | <b>1</b>     | 2    | <1   |
| Étain       | ppm    | ASTM D5185(m) | >10  | <b>0</b>     | 0    | 0    |
| Vanadium    | ppm    | ASTM D5185(m) |      | <b>0</b>     | 0    | 0    |
| Métal blanc | scalar | Visual*       | NONE | <b>NONE</b>  | NONE | NONE |
| Bronze      | scalar | Visual*       | NONE | <b>NONE</b>  | NONE | NONE |

**CONTAMINATION**

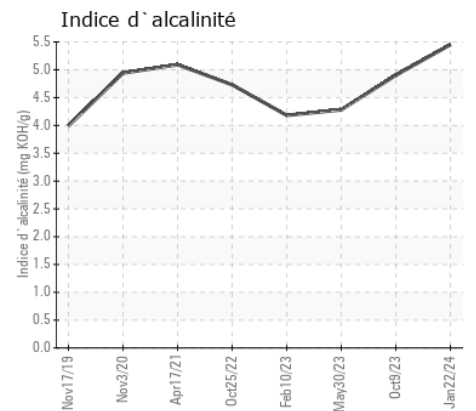
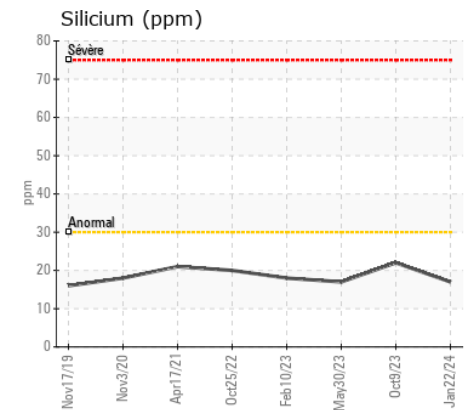
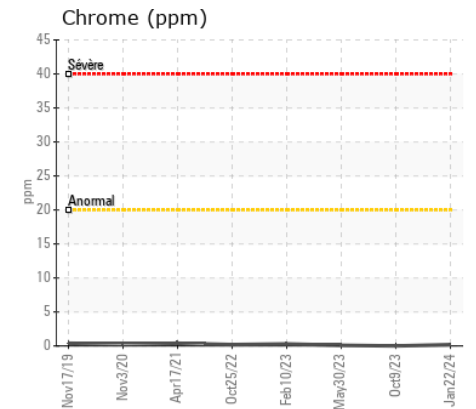
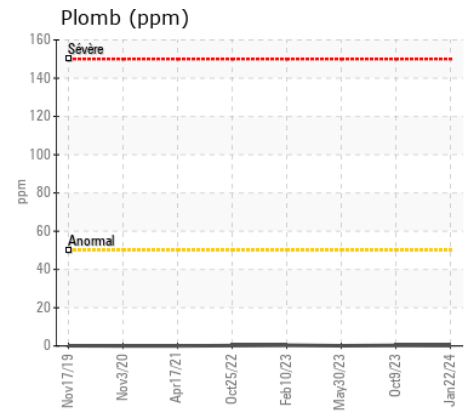
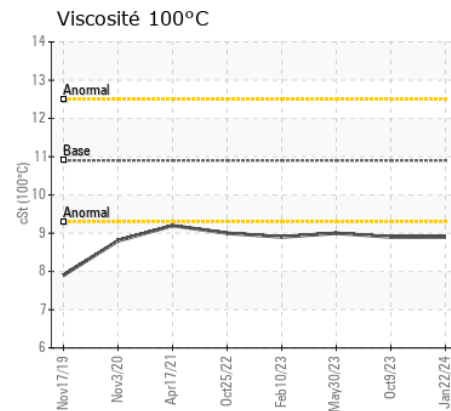
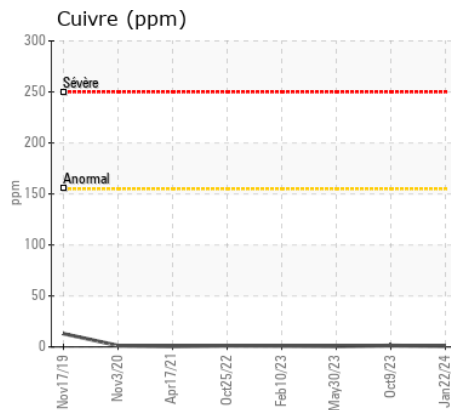
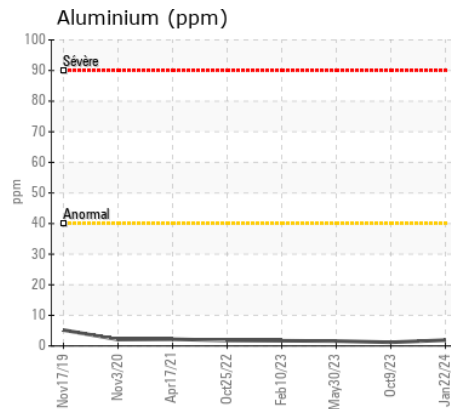
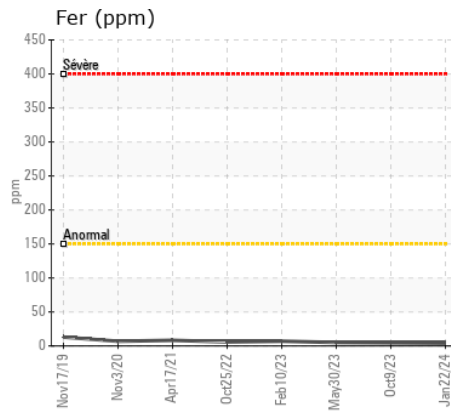
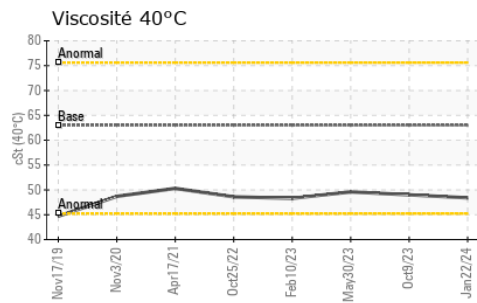
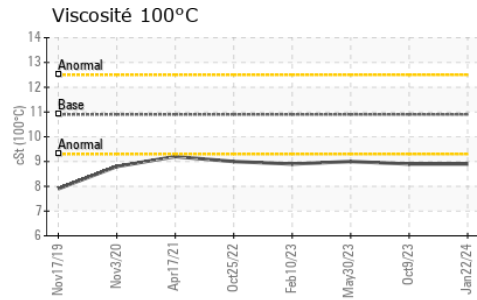
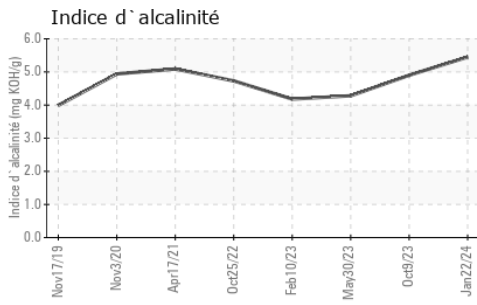
Il n'y a aucun indice de contamination dans l'huile.

|                |          |               |       |                |       |       |
|----------------|----------|---------------|-------|----------------|-------|-------|
| Silicium       | ppm      | ASTM D5185(m) | >30   | <b>17</b>      | 22    | 17    |
| Potassium      | ppm      | ASTM D5185(m) | >20   | <b>&lt;1</b>   | 0     | <1    |
| Essence        |          | WC Method     | >4.0  | <b>&lt;1.0</b> | <1.0  | <1.0  |
| L'eau          |          | WC Method     | >0.2  | <b>NEG</b>     | NEG   | NEG   |
| Glycol         |          | WC Method     |       | <b>NEG</b>     | NEG   | NEG   |
| % de suie      | %        | ASTM D7844*   |       | <b>0</b>       | 0     | 0     |
| Nitration      | Abs/cm   | ASTM D7624*   | >20   | <b>10.1</b>    | 9.4   | 10.1  |
| Sulfatation    | Abs/.1mm | ASTM D7415*   | >30   | <b>20.3</b>    | 19.8  | 21.4  |
| Limon          | scalar   | Visual*       | NONE  | <b>NONE</b>    | NONE  | NONE  |
| Débris         | scalar   | Visual*       | NONE  | <b>NONE</b>    | NONE  | NONE  |
| Saleté         | scalar   | Visual*       | NONE  | <b>NONE</b>    | NONE  | NONE  |
| Apparence      | scalar   | Visual*       | NORML | <b>NORML</b>   | NORML | NORML |
| Odeur          | scalar   | Visual*       | NORML | <b>NORML</b>   | NORML | NORML |
| Eau émulsifiée | scalar   | Visual*       | >0.2  | <b>NEG</b>     | 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) | >400 | <b>2</b>    | 3    | 3    |
| Bore                     | ppm      | ASTM D5185(m) | 75   | <b>96</b>   | 83   | 85   |
| Baryum                   | ppm      | ASTM D5185(m) | 5    | <b>0</b>    | <1   | 0    |
| Molybdène                | ppm      | ASTM D5185(m) | 100  | <b>68</b>   | 69   | 66   |
| Manganèse                | ppm      | ASTM D5185(m) |      | <b>0</b>    | 0    | <1   |
| Magnésium                | ppm      | ASTM D5185(m) | 12   | <b>493</b>  | 496  | 475  |
| Calcium                  | ppm      | ASTM D5185(m) | 2100 | <b>1203</b> | 1203 | 1213 |
| Phosphore                | ppm      | ASTM D5185(m) | 650  | <b>674</b>  | 651  | 688  |
| Zinc                     | ppm      | ASTM D5185(m) | 850  | <b>721</b>  | 735  | 702  |
| Soufre                   | ppm      | ASTM D5185(m) | 2500 | <b>2531</b> | 2347 | 2399 |
| Oxydation                | Abs/.1mm | ASTM D7414*   | >25  | <b>12.9</b> | 12.8 | 13.8 |
| Indice d'alcalinité      | mg KOH/g | ASTM D2896*   |      | <b>5.45</b> | 4.90 | 4.28 |
| Visc 40°C                | cSt      | ASTM D7279(m) | 63   | <b>48.4</b> | 49.0 | 49.6 |
| Visc 100°C               | cSt      | ASTM D7279(m) | 10.9 | <b>8.9</b>  | 8.9  | 9    |
| Indice de viscosité (VI) | Scale    | ASTM D2270*   | 165  | <b>166</b>  | 163  | 164  |



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0079130  
**N° de laboratoire** : 02614940  
**Numéro unique** : 5724035  
**Analyse** : MOB 2 ( Additional Tests: KV40, VI )

**Reçu** : 12 Feb 2024  
**Tested** : 13 Feb 2024  
**Diagnostiqué** : 13 Feb 2024 - Wes Davis

**TRANSDEV ST-JEAN**  
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 CA J3B 8T2  
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 eric.breton@transdev.com

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: