



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

Identité de la machine

**306517**

Composant

**Moteur diesel**

Fluid

**DIESEL ENGINE OIL SAE 15W40 (--- 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>PC0079340</b>   | PC0079183   | PC0079970   |
| Date d'échant.      |     | Client Info |           | <b>11 Feb 2024</b> | 15 Nov 2023 | 05 Nov 2023 |
| Âge d la Machine    | kms | Client Info |           | <b>746524</b>      | 733653      | 717846      |
| Âge de l'huile      | kms | Client Info |           | <b>0</b>           | 12500       | 12500       |
| Âge du filtre       | kms | Client Info |           | <b>0</b>           | 12500       | 12500       |
| Huile changée       |     | Client Info |           | <b>N/A</b>         | Changed     | Changed     |
| Filtre changé       |     | Client Info |           | <b>N/A</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) | >100 | <b>8</b>     | 7  | 9  |
| Chrome    | ppm | ASTM D5185(m) | >20  | <b>&lt;1</b> | <1 | <1 |
| Nickel    | ppm | ASTM D5185(m) | >4   | <b>&lt;1</b> | <1 | <1 |
| Titane    | ppm | ASTM D5185(m) |      | <b>0</b>     | 0  | 0  |
| Argent    | ppm | ASTM D5185(m) | >3   | <b>0</b>     | 0  | <1 |
| Aluminium | ppm | ASTM D5185(m) | >20  | <b>2</b>     | 2  | 2  |
| Plomb     | ppm | ASTM D5185(m) | >40  | <b>0</b>     | 0  | <1 |
| Cuivre    | ppm | ASTM D5185(m) | >330 | <b>1</b>     | 1  | 2  |
| Étain     | ppm | ASTM D5185(m) | >15  | <b>0</b>     | 0  | 0  |
| Vanadium  | ppm | ASTM D5185(m) |      | <b>0</b>     | 0  | 0  |

**CONTAMINATION**

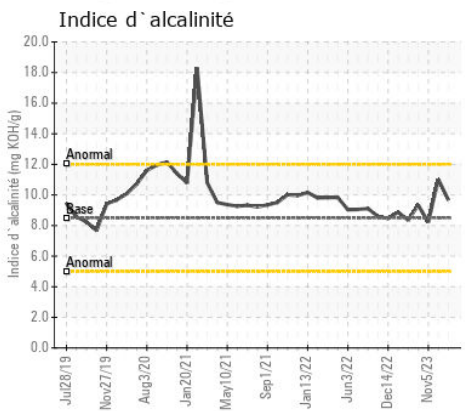
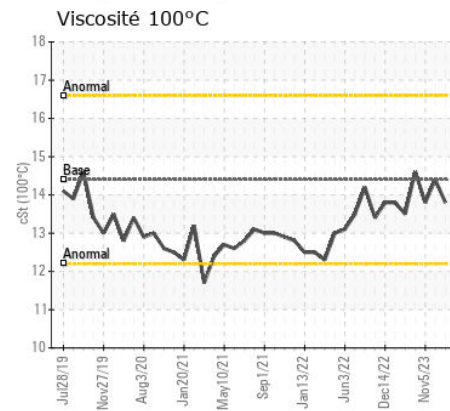
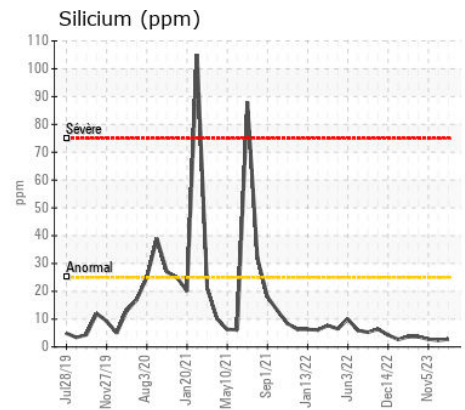
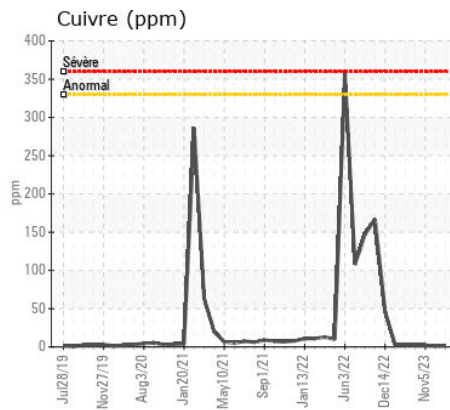
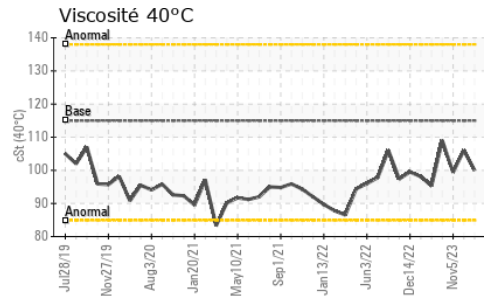
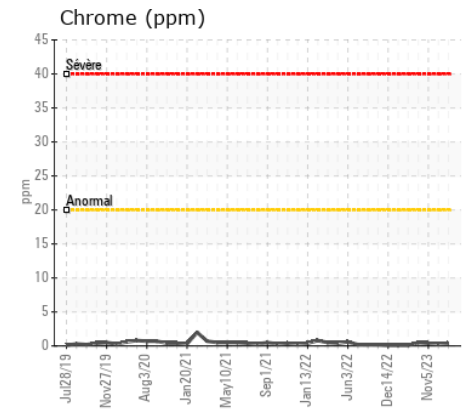
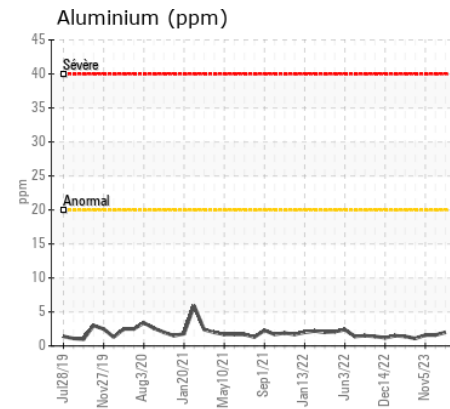
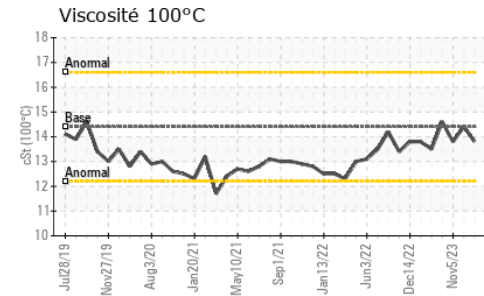
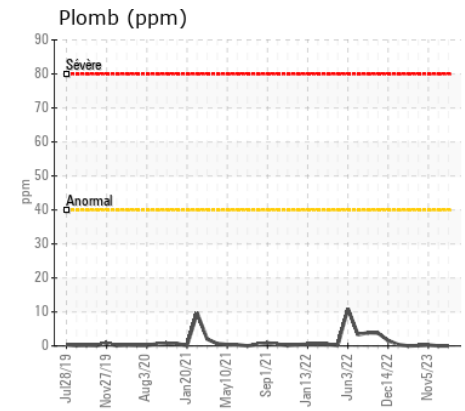
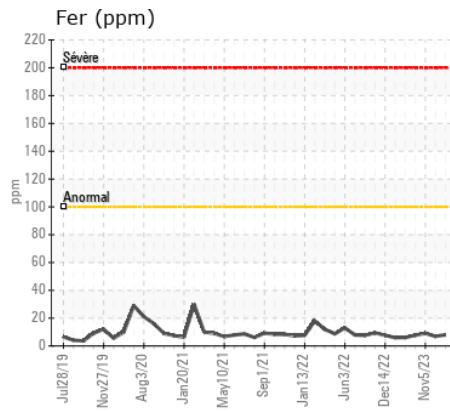
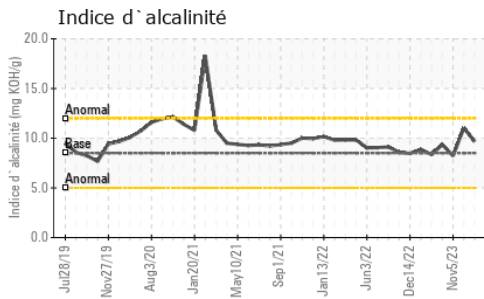
Il n'y a aucun indice de contamination dans l'huile.

|                |          |               |      |                |      |      |
|----------------|----------|---------------|------|----------------|------|------|
| Silicium       | ppm      | ASTM D5185(m) | >25  | <b>3</b>       | 2    | 3    |
| Potassium      | ppm      | ASTM D5185(m) | >20  | <b>1</b>       | <1   | 0    |
| Essence        |          | WC Method     | >5   | <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*   | >3   | <b>0.1</b>     | 0.1  | 0.2  |
| Nitration      | Abs/cm   | ASTM D7624*   | >20  | <b>7.6</b>     | 7.5  | 7.7  |
| Sulfatation    | Abs/.1mm | ASTM D7415*   | >30  | <b>20.0</b>    | 19.5 | 19.7 |
| 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) | >158 | <b>7</b>     | 5     | 7    |
| Bore                     | ppm      | ASTM D5185(m) | 250  | <b>&lt;1</b> | <1    | 1    |
| Baryum                   | ppm      | ASTM D5185(m) | 10   | <b>0</b>     | 0     | <1   |
| Molybdène                | ppm      | ASTM D5185(m) | 100  | <b>57</b>    | 60    | 60   |
| Manganèse                | ppm      | ASTM D5185(m) |      | <b>0</b>     | 0     | 0    |
| Magnésium                | ppm      | ASTM D5185(m) | 450  | <b>944</b>   | 990   | 997  |
| Calcium                  | ppm      | ASTM D5185(m) | 3000 | <b>1156</b>  | 1063  | 1096 |
| Phosphore                | ppm      | ASTM D5185(m) | 1150 | <b>1035</b>  | 1019  | 1020 |
| Zinc                     | ppm      | ASTM D5185(m) | 1350 | <b>1216</b>  | 1220  | 1220 |
| Soufre                   | ppm      | ASTM D5185(m) | 4250 | <b>2787</b>  | 2672  | 2462 |
| Oxydation                | Abs/.1mm | ASTM D7414*   | >25  | <b>15.6</b>  | 15.5  | 15.7 |
| Indice d'alcalinité      | mg KOH/g | ASTM D2896*   | 8.5  | <b>9.67</b>  | 11.02 | 8.22 |
| Visc 40°C                | cSt      | ASTM D7279(m) | 115  | <b>100</b>   | 106   | 99.4 |
| Visc 100°C               | cSt      | ASTM D7279(m) | 14.4 | <b>13.8</b>  | 14.4  | 13.8 |
| Indice de viscosité (VI) | Scale    | ASTM D2270*   | 126  | <b>139</b>   | 139   | 140  |



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

**N° d'échantillon** : PC0079340

**N° de laboratoire** : 02617970

**Numéro unique** : 5735080

**Analyse** : MOB 2 ( Additional Tests: KV40, VI )

**Reçu** : 26 Feb 2024

**Tested** : 26 Feb 2024

**Diagnostiqué** : 26 Feb 2024 - Wes Davis

**TRANSDEV LIMOCAR**

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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.