



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

Identité de la machine

303514

Composant

Moteur diesel

Fluid

DIESEL ENGINE OIL SAE 15W40 (--- 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 | | PC0078981 | PC0068339 | PC0063301 |
| Date d'échant. | | Client Info | | 24 Feb 2024 | 21 Jan 2023 | 01 Dec 2022 |
| Âge d la Machine | kms | Client Info | | 1003045 | 968236 | 955210 |
| Âge de l'huile | kms | Client Info | | 12500 | 12500 | 12500 |
| Âge du filtre | kms | Client Info | | 12500 | 12500 | 12500 |
| Huile changée | | Client Info | | Changed | N/A | N/A |
| Filtre changé | | Client Info | | Changed | N/A | N/A |
| Statut de l'échant. | | | | NORMAL | NORMAL | NORMAL |

USURE

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

| | | | | | | |
|-----------|-----|---------------|------|--------------|----|----|
| Fer | ppm | ASTM D5185(m) | >100 | 7 | 13 | 16 |
| Chrome | ppm | ASTM D5185(m) | >20 | <1 | <1 | 1 |
| Nickel | ppm | ASTM D5185(m) | >4 | <1 | <1 | 2 |
| Titane | ppm | ASTM D5185(m) | | 0 | <1 | <1 |
| Argent | ppm | ASTM D5185(m) | >3 | 0 | 0 | 0 |
| Aluminium | ppm | ASTM D5185(m) | >20 | 2 | 2 | 3 |
| Plomb | ppm | ASTM D5185(m) | >40 | <1 | 0 | 0 |
| Cuivre | ppm | ASTM D5185(m) | >330 | 2 | 1 | 1 |
| Étain | ppm | ASTM D5185(m) | >15 | 0 | <1 | 0 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |

CONTAMINATION

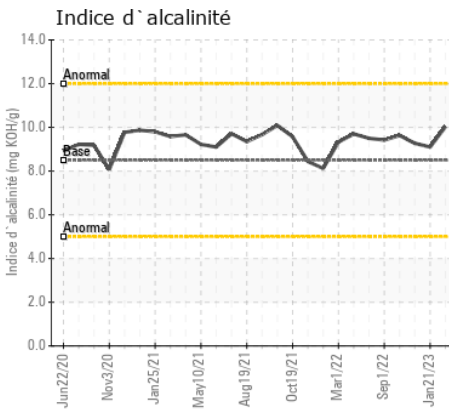
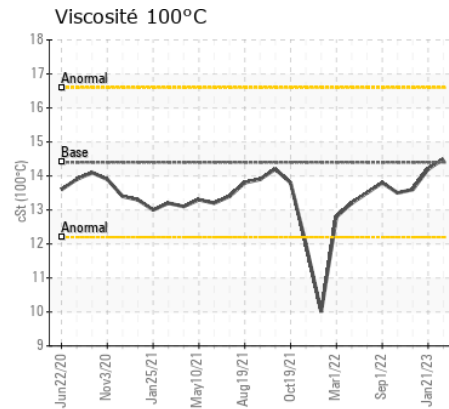
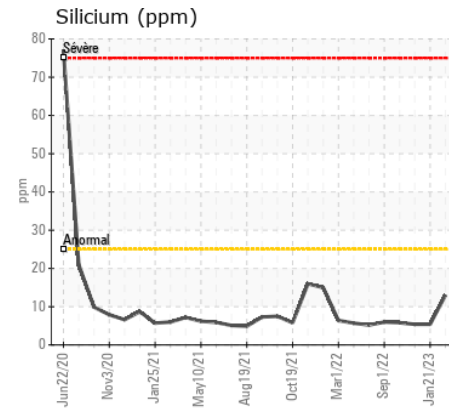
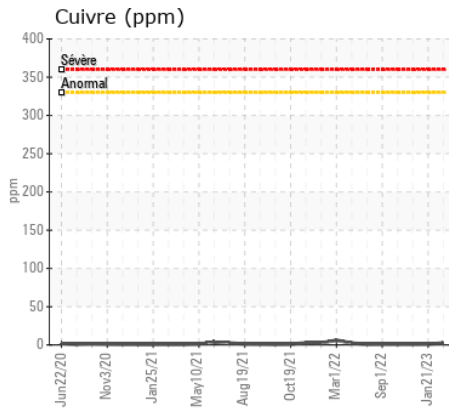
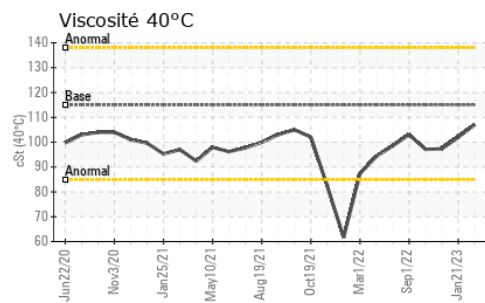
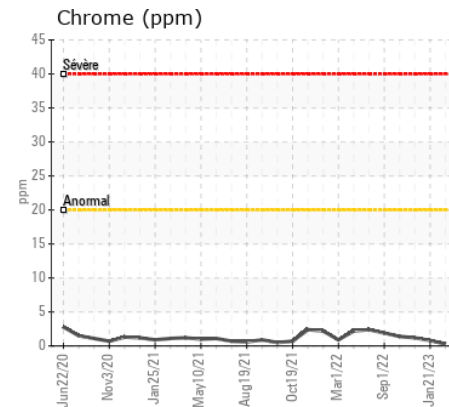
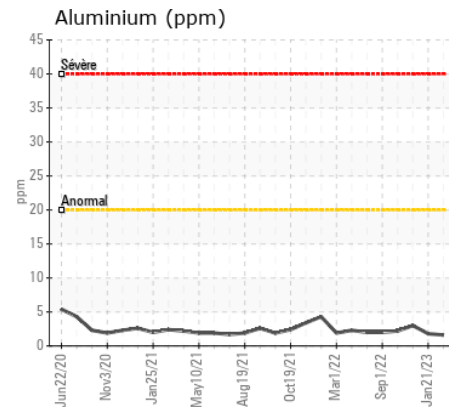
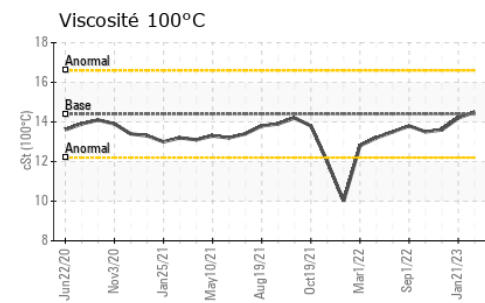
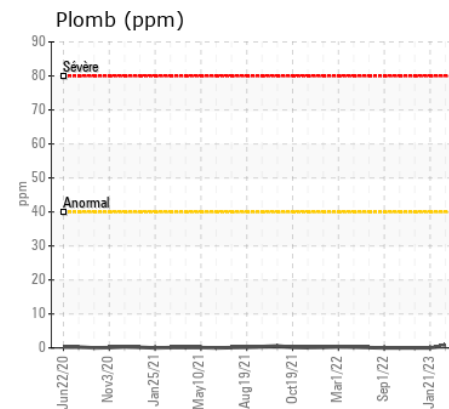
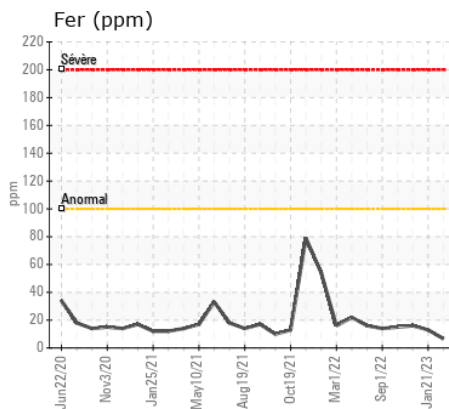
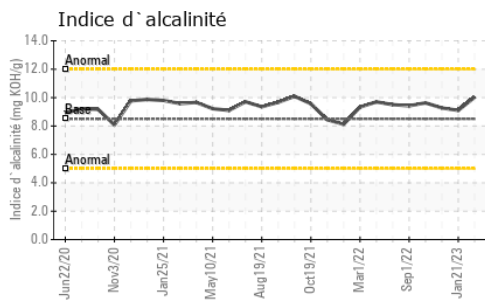
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|------|----------------|------|------|
| Silicium | ppm | ASTM D5185(m) | >25 | 13 | 5 | 5 |
| Potassium | ppm | ASTM D5185(m) | >20 | 2 | 4 | 6 |
| Essence | | WC Method | >5 | <1.0 | <1.0 | <1.0 |
| L'eau | | WC Method | >0.2 | NEG | NEG | NEG |
| Glycol | | WC Method | | NEG | 0.0 | 0.0 |
| % de suie | % | ASTM D7844* | >3 | 0 | 0 | 0.1 |
| Nitration | Abs/cm | ASTM D7624* | >20 | 5.0 | 6.0 | 8.5 |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 17.9 | 18.4 | 21.7 |
| Eau émulsifiée | scalar | Visual* | >0.2 | NEG | 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 | 13 | 25 | 36 |
| Bore | ppm | ASTM D5185(m) | 250 | 1 | 4 | 5 |
| Baryum | ppm | ASTM D5185(m) | 10 | 0 | 0 | 0 |
| Molybdène | ppm | ASTM D5185(m) | 100 | 56 | 61 | 61 |
| Manganèse | ppm | ASTM D5185(m) | | 0 | <1 | <1 |
| Magnésium | ppm | ASTM D5185(m) | 450 | 929 | 1005 | 1024 |
| Calcium | ppm | ASTM D5185(m) | 3000 | 1048 | 1169 | 1187 |
| Phosphore | ppm | ASTM D5185(m) | 1150 | 1013 | 1121 | 1126 |
| Zinc | ppm | ASTM D5185(m) | 1350 | 1159 | 1257 | 1272 |
| Soufre | ppm | ASTM D5185(m) | 4250 | 2727 | 2716 | 2686 |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 12.9 | 12.1 | 17.2 |
| Indice d'alcalinité | mg KOH/g | ASTM D2896* | 8.5 | 10.03 | 9.10 | 9.27 |
| Visc 40°C | cSt | ASTM D7279(m) | 115 | 107 | 102 | 97.3 |
| Visc 100°C | cSt | ASTM D7279(m) | 14.4 | 14.5 | 14.2 | 13.6 |
| Indice de viscosité (VI) | Scale | ASTM D2270* | 126 | 139 | 142 | 140 |



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° de échantillon : PC0078981 **Reçu** : 07 Mar 2024
N° de laboratoire : **02620482** **Tested** : 11 Mar 2024
Numéro unique : 5737592 **Diagnostiqué** : 11 Mar 2024 - Wes Davis
Analyse : MOB 2 (Additional Tests: KV40, VI)

TRANSDEV LIMOCAR
 1500 LOUIS MARCHAND
 BELOEIL, QC
 CA J3G 6S3
 Contact: Patrick Vieux-Pernon
 patrick.vieux-pernon@transdev.com
 T: (450)446-8899
 F: (450)446-5666

Pour discuter cette 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.