



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

Identité de la machine

6016225

Composant

Moteur diesel

Fluide

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 | | PC0074009 | PC0068818 | PC0063287 |
| Date d'échant. | | Client Info | | 19 Jul 2023 | 08 May 2023 | 22 Feb 2023 |
| Âge d la Machine | kms | Client Info | | 228756 | 216874 | 205031 |
| Âge de l'huile | kms | Client Info | | 12476 | 10000 | 10000 |
| Âge du filtre | kms | Client Info | | 12476 | 10000 | 0 |
| Huile changée | | Client Info | | Changed | Changed | Changed |
| Filtre changé | | Client Info | | Changed | Changed | 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 | 40 | 26 | 45 |
| Chrome | ppm | ASTM D5185(m) | >20 | 1 | <1 | 2 |
| Nickel | ppm | ASTM D5185(m) | >4 | 0 | 0 | <1 |
| Titane | ppm | ASTM D5185(m) | | <1 | <1 | <1 |
| Argent | ppm | ASTM D5185(m) | >3 | 0 | 0 | 0 |
| Aluminium | ppm | ASTM D5185(m) | >20 | 4 | 2 | 7 |
| Plomb | ppm | ASTM D5185(m) | >40 | 0 | 0 | <1 |
| Cuivre | ppm | ASTM D5185(m) | >330 | 1 | <1 | 3 |
| Étain | ppm | ASTM D5185(m) | >15 | 0 | <1 | 0 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |

CONTAMINATION

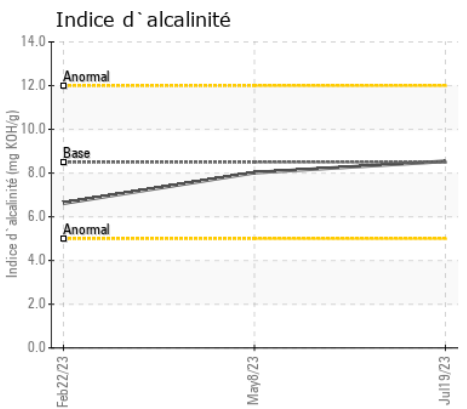
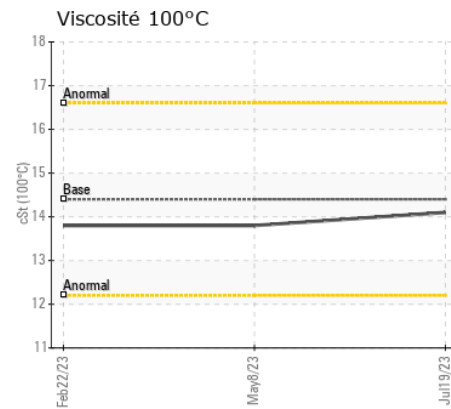
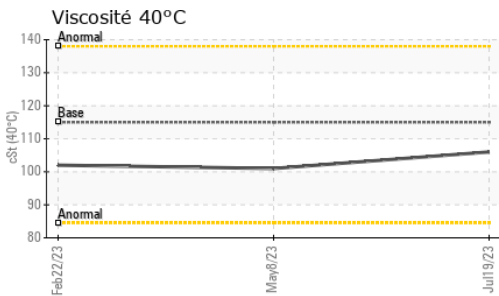
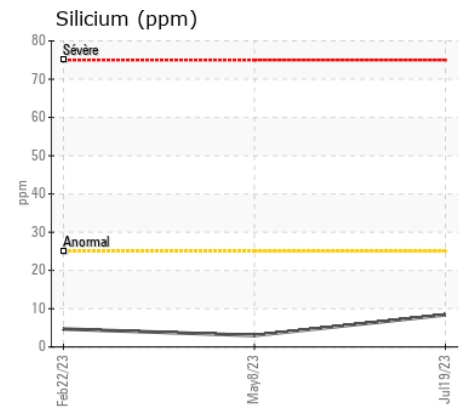
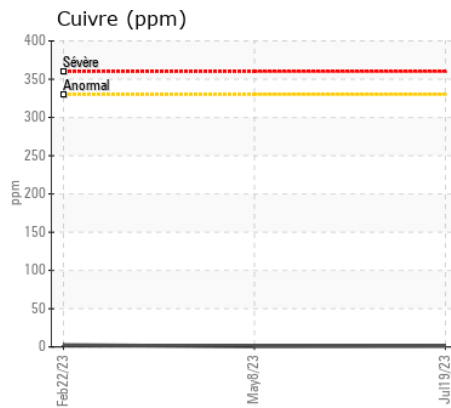
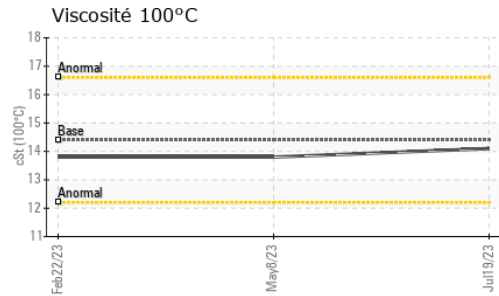
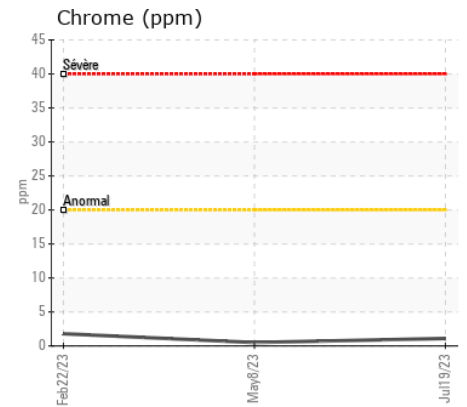
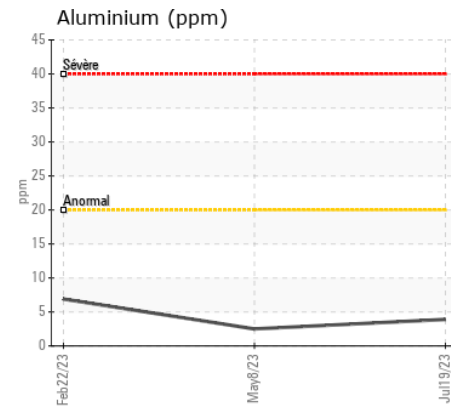
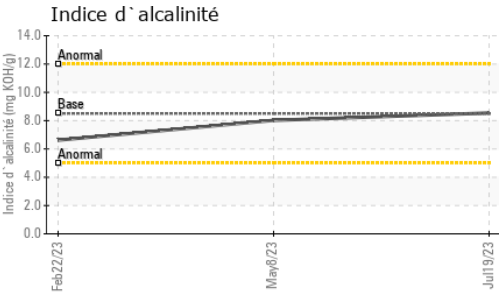
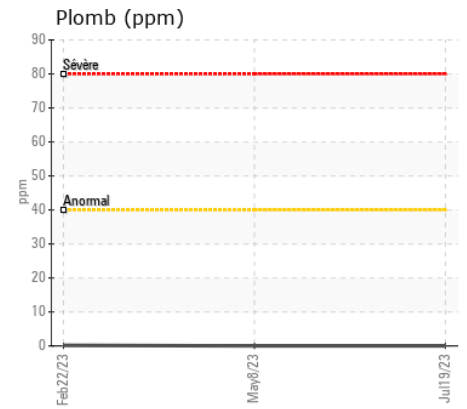
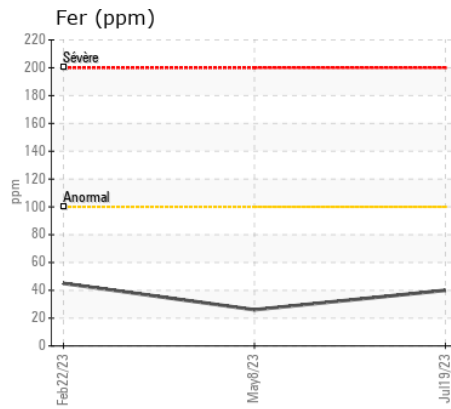
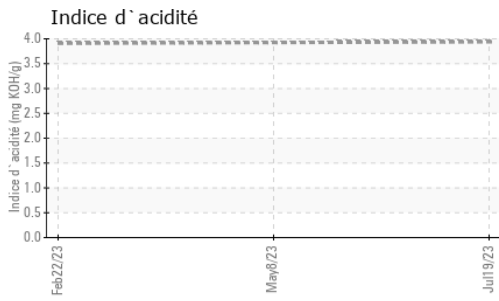
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|------|----------------|------|------|
| Silicium | ppm | ASTM D5185(m) | >25 | 8 | 3 | 5 |
| Potassium | ppm | ASTM D5185(m) | >20 | 1 | <1 | 2 |
| Essence | | WC Method | >5 | <1.0 | <1.0 | <1.0 |
| Glycol | | WC Method | | NEG | NEG | NEG |
| % de suie | % | ASTM D7844* | >3 | 0.3 | 0.2 | 0.1 |
| Nitration | Abs/cm | ASTM D7624* | >20 | 9.6 | 10.3 | 12.0 |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 21.5 | 20.9 | 23.9 |
| 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. Le AN est acceptable pour ce fluide. L'état de l'huile permet d'en prolonger l'utilisation.

| | | | | | | |
|--------------------------|----------|---------------|------|--------------|------|------|
| Sodium | ppm | ASTM D5185(m) | >158 | 4 | 3 | 10 |
| Bore | ppm | ASTM D5185(m) | 250 | 2 | 4 | 2 |
| Baryum | ppm | ASTM D5185(m) | 10 | 0 | 0 | 0 |
| Molybdène | ppm | ASTM D5185(m) | 100 | 62 | 62 | 62 |
| Manganèse | ppm | ASTM D5185(m) | | <1 | <1 | <1 |
| Magnésium | ppm | ASTM D5185(m) | 450 | 1032 | 975 | 959 |
| Calcium | ppm | ASTM D5185(m) | 3000 | 1159 | 1128 | 1143 |
| Phosphore | ppm | ASTM D5185(m) | 1150 | 1123 | 1062 | 1022 |
| Zinc | ppm | ASTM D5185(m) | 1350 | 1300 | 1219 | 1218 |
| Soufre | ppm | ASTM D5185(m) | 4250 | 2556 | 2576 | 2532 |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 16.6 | 17.6 | 19.8 |
| Indice d'acidité | mg KOH/g | ASTM D974* | | 3.94 | --- | 3.91 |
| Indice d'alcalinité | mg KOH/g | ASTM D2896* | 8.5 | 8.54 | 8.02 | 6.62 |
| Visc 40°C | cSt | ASTM D7279(m) | 115 | 106 | 101 | 102 |
| Visc 100°C | cSt | ASTM D7279(m) | 14.4 | 14.1 | 13.8 | 13.8 |
| Indice de viscosité (VI) | Scale | ASTM D2270* | 126 | 134 | 127 | 126 |



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0074009
N° de laboratoire : 02578385
Numéro unique : 5631445
Analyse : MOB 2 (Additional Tests: KV40, TAN Auto, TAN Man, VI)

Reçu : 25 Aug 2023
Diagnostiqué : 29 Aug 2023
Diagnostiqueur : Wes Davis

Transdev Quebec Inc.
 220 J-A Bombardier
 Boucherville, QC
 CA J4B 8V6

Contact: Marc-Andre Perrault
 marc-andre.perrault@transdev.com

T: (514)212-6562
 F: (450)446-5666

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.