



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

Identité de la machine

303414

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 | | PC0074500 | PC0073612 | PC0063697 |
| Date d'échant. | | Client Info | | 09 Jul 2023 | 19 May 2023 | 18 Feb 2023 |
| Âge d la Machine | kms | Client Info | | 1062889 | 1047659 | 22471 |
| Âge de l'huile | kms | Client Info | | 12500 | 12500 | 12500 |
| Âge du filtre | kms | Client Info | | 12500 | 12500 | 12500 |
| Huile changée | | Client Info | | Changed | Changed | N/A |
| 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 | 23 | 15 | 16 |
| Chrome | ppm | ASTM D5185(m) | >20 | <1 | <1 | <1 |
| Nickel | ppm | ASTM D5185(m) | >4 | 0 | 0 | <1 |
| Titane | ppm | ASTM D5185(m) | | <1 | 0 | <1 |
| Argent | ppm | ASTM D5185(m) | >3 | 1 | 0 | 0 |
| Aluminium | ppm | ASTM D5185(m) | >20 | 2 | 2 | 2 |
| Plomb | ppm | ASTM D5185(m) | >40 | 0 | 0 | 0 |
| Cuivre | ppm | ASTM D5185(m) | >330 | <1 | <1 | <1 |
| Étain | ppm | ASTM D5185(m) | >15 | 0 | 0 | 0 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |

CONTAMINATION

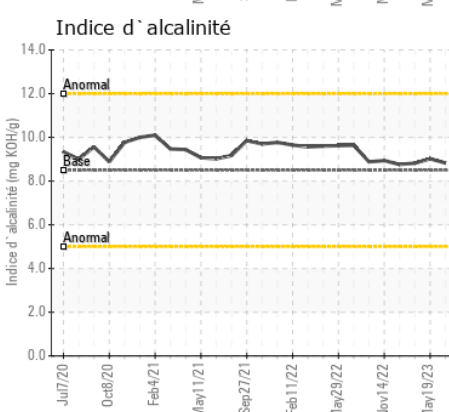
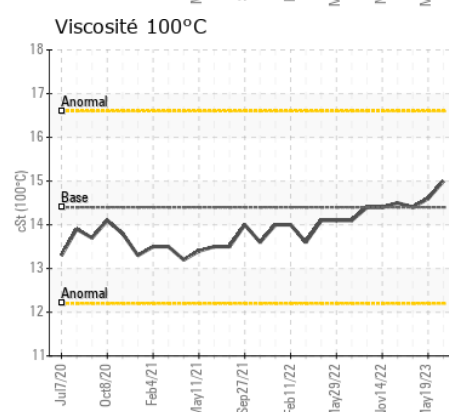
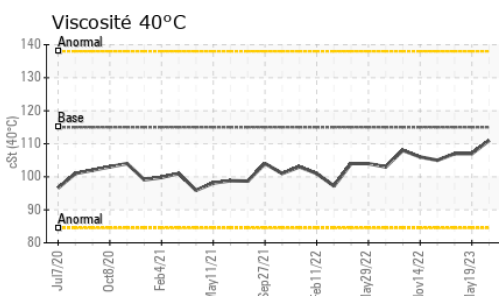
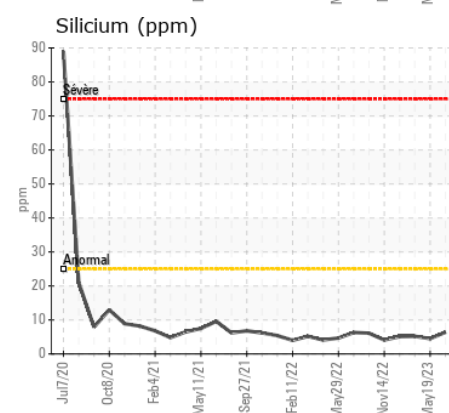
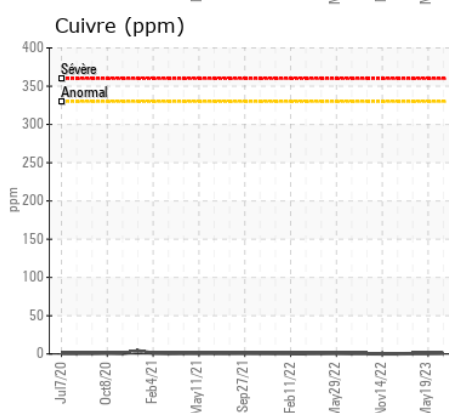
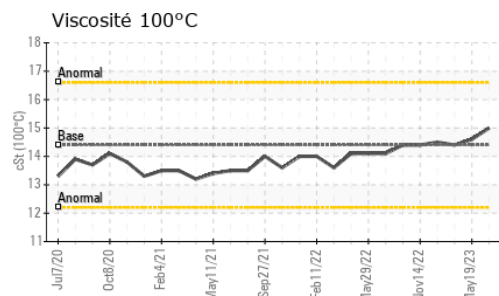
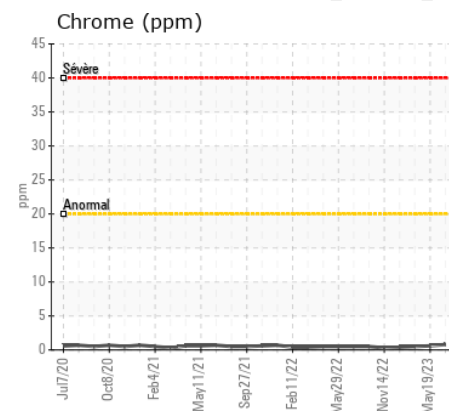
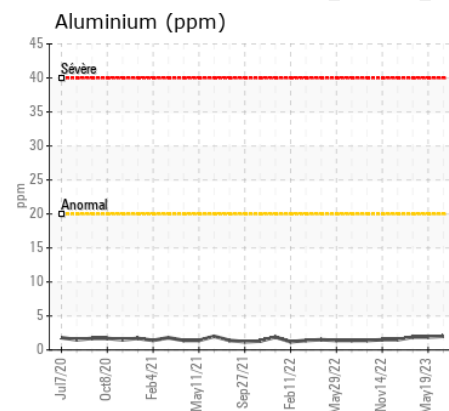
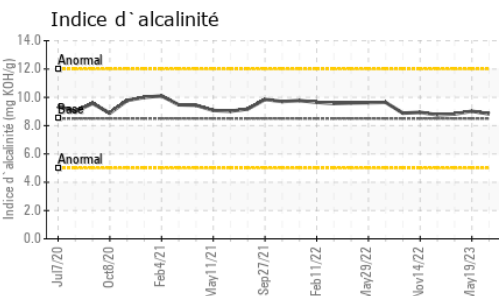
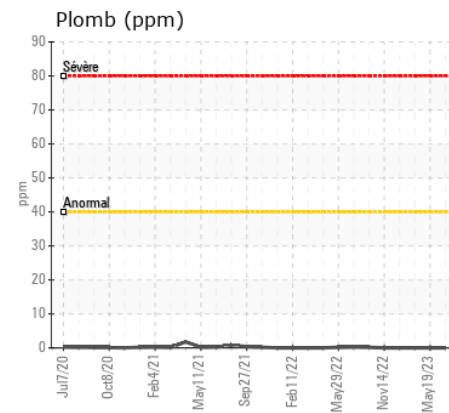
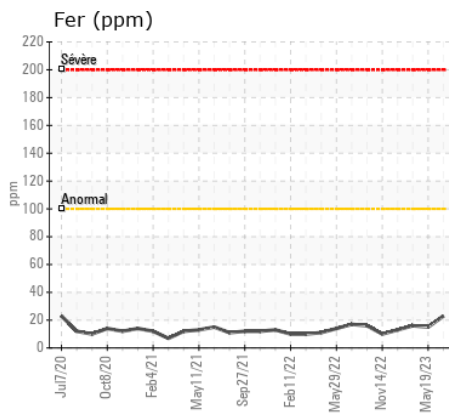
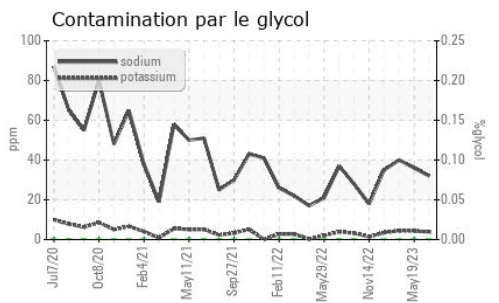
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|------|----------------|------|------|
| Silicium | ppm | ASTM D5185(m) | >25 | 6 | 4 | 5 |
| Potassium | ppm | ASTM D5185(m) | >20 | 4 | 4 | 4 |
| Essence | | WC Method | >5 | <1.0 | <1.0 | <1.0 |
| Glycol | % | ASTM D7922* | | 0.0 | 0.0 | 0.0 |
| % de suie | % | ASTM D7844* | >3 | 0.5 | 0.2 | 0 |
| Nitration | Abs/cm | ASTM D7624* | >20 | 8.9 | 8.2 | 6.6 |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 22.2 | 20.5 | 19.0 |
| 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 | 32 | 36 | 40 |
| Bore | ppm | ASTM D5185(m) | 250 | 2 | 2 | 3 |
| Baryum | ppm | ASTM D5185(m) | 10 | 0 | 0 | 0 |
| Molybdène | ppm | ASTM D5185(m) | 100 | 68 | 61 | 63 |
| Manganèse | ppm | ASTM D5185(m) | | <1 | <1 | <1 |
| Magnésium | ppm | ASTM D5185(m) | 450 | 1137 | 1006 | 1028 |
| Calcium | ppm | ASTM D5185(m) | 3000 | 1212 | 1095 | 1194 |
| Phosphore | ppm | ASTM D5185(m) | 1150 | 1215 | 1081 | 1139 |
| Zinc | ppm | ASTM D5185(m) | 1350 | 1383 | 1241 | 1277 |
| Soufre | ppm | ASTM D5185(m) | 4250 | 2782 | 2525 | 2676 |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 16.6 | 16.4 | 11.6 |
| Indice d'alcalinité | mg KOH/g | ASTM D2896* | 8.5 | 8.83 | 9.02 | 8.82 |
| Visc 40°C | cSt | ASTM D7279(m) | 115 | 111 | 107 | 107 |
| Visc 100°C | cSt | ASTM D7279(m) | 14.4 | 15.0 | 14.6 | 14.4 |
| Indice de viscosité (VI) | Scale | ASTM D2270* | 126 | 140 | 140 | 137 |



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0074500
N° de laboratoire : 02573354
Numéro unique : 5618405
Analyse : MOB 2 (Additional Tests: BottomAnalysis, FILTERPATCH, Glycol, KV40, ~~VO~~)
Reçu : 01 Aug 2023
Diagnostiqué : 03 Aug 2023
Diagnostiqueur : Kevin Marson

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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.