



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

Identité de la machine

303414

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 | | PC0079474 | PC0079216 | PC0079931 |
| Date d'échant. | | Client Info | | 08 Jan 2024 | 17 Nov 2023 | 07 Sep 2023 |
| Âge d la Machine | kms | Client Info | | 111914 | 1097518 | 1082760 |
| 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 | Changed |
| Filtre changé | | Client Info | | Changed | Changed | Changed |
| Statut de l'échant. | | | | NORMAL | NORMAL | ABNORMAL |

USURE

Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant.

| | | | | | | |
|-----------|-----|---------------|------|--------------|----|-------|
| Fer | ppm | ASTM D5185(m) | >100 | 15 | 30 | ▲ 145 |
| Chrome | ppm | ASTM D5185(m) | >20 | <1 | 1 | 2 |
| Nickel | ppm | ASTM D5185(m) | >4 | 0 | <1 | <1 |
| Titane | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Argent | ppm | ASTM D5185(m) | >3 | 0 | <1 | <1 |
| Aluminium | ppm | ASTM D5185(m) | >20 | 2 | 2 | 3 |
| Plomb | ppm | ASTM D5185(m) | >40 | <1 | <1 | 2 |
| Cuivre | ppm | ASTM D5185(m) | >330 | <1 | 3 | 19 |
| Étain | ppm | ASTM D5185(m) | >15 | 0 | 0 | 0 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |

CONTAMINATION

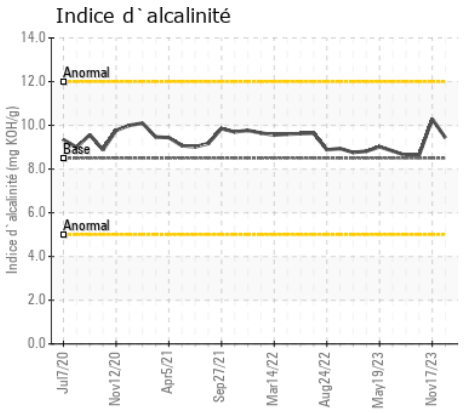
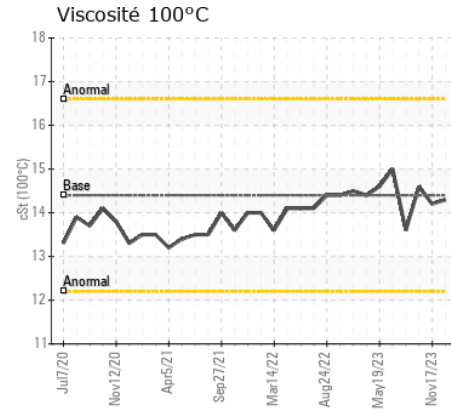
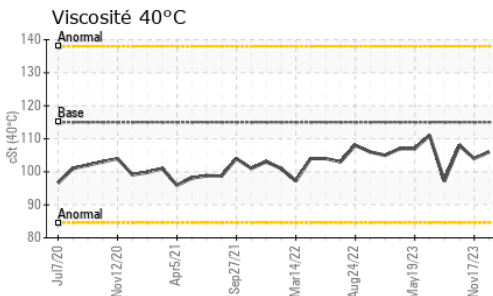
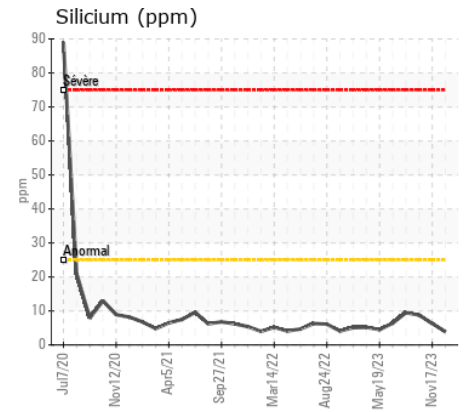
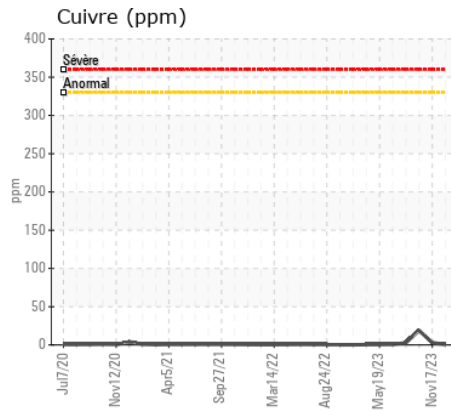
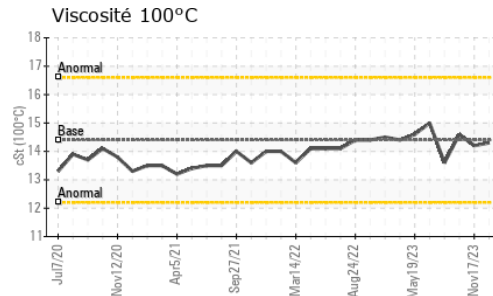
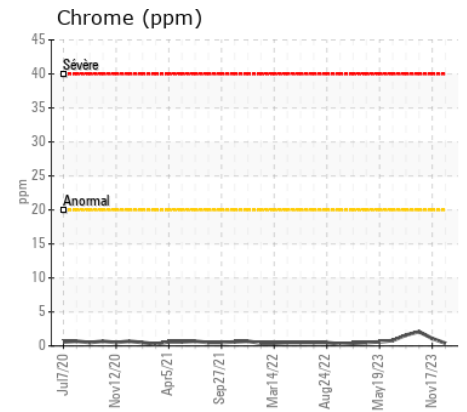
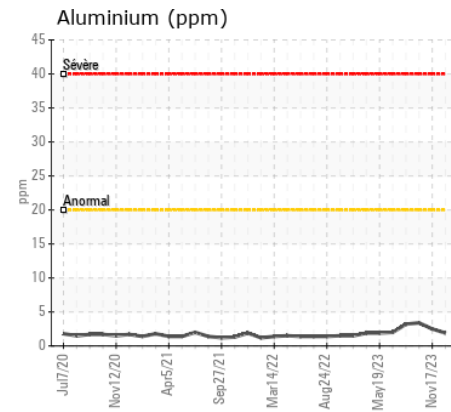
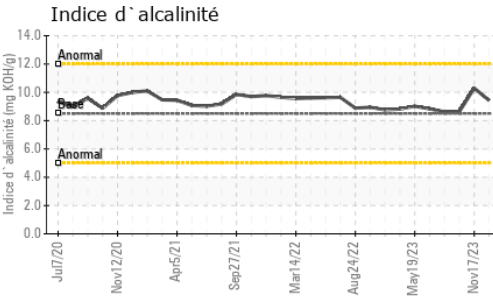
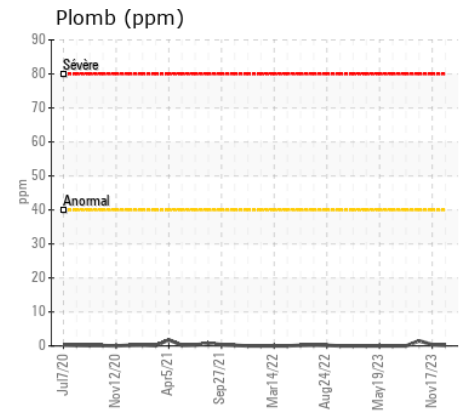
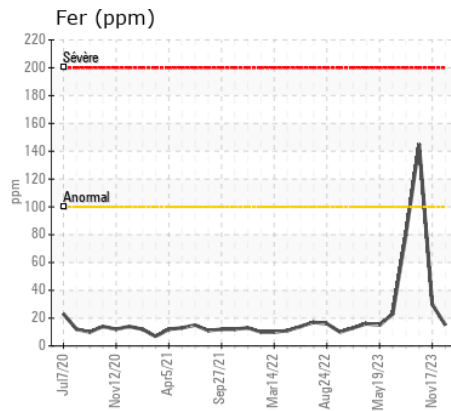
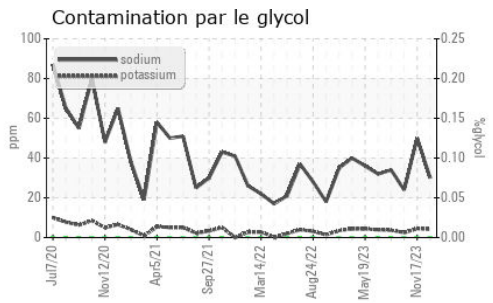
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|------|----------------|------|------|
| Silicium | ppm | ASTM D5185(m) | >25 | 4 | 6 | 9 |
| Potassium | ppm | ASTM D5185(m) | >20 | 4 | 4 | 2 |
| Essence | | WC Method | >5 | <1.0 | <1.0 | <1.0 |
| L'eau | | WC Method | >0.2 | NEG | NEG | NEG |
| Glycol | % | ASTM D7922* | | 0.0 | 0.0 | 0.0 |
| % de suie | % | ASTM D7844* | >3 | 0.1 | 0.2 | 0.3 |
| Nitration | Abs/cm | ASTM D7624* | >20 | 7.7 | 8.7 | 9.3 |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 19.9 | 20.4 | 21.3 |
| 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 | 30 | 50 | 24 |
| Bore | ppm | ASTM D5185(m) | 250 | 1 | 2 | 1 |
| Baryum | ppm | ASTM D5185(m) | 10 | 0 | <1 | 0 |
| Molybdène | ppm | ASTM D5185(m) | 100 | 58 | 63 | 64 |
| Manganèse | ppm | ASTM D5185(m) | | 0 | 0 | 1 |
| Magnésium | ppm | ASTM D5185(m) | 450 | 962 | 1032 | 1048 |
| Calcium | ppm | ASTM D5185(m) | 3000 | 1137 | 1119 | 1149 |
| Phosphore | ppm | ASTM D5185(m) | 1150 | 1020 | 1032 | 1062 |
| Zinc | ppm | ASTM D5185(m) | 1350 | 1214 | 1264 | 1297 |
| Soufre | ppm | ASTM D5185(m) | 4250 | 2677 | 2522 | 2436 |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 15.4 | 16.7 | 17.7 |
| Indice d'alcalinité | mg KOH/g | ASTM D2896* | 8.5 | 9.43 | 10.29 | 8.63 |
| Visc 40°C | cSt | ASTM D7279(m) | 115 | 106 | 104 | 108 |
| Visc 100°C | cSt | ASTM D7279(m) | 14.4 | 14.3 | 14.2 | 14.6 |
| Indice de viscosité (VI) | Scale | ASTM D2270* | 126 | 137 | 139 | 139 |



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0079474
N° de laboratoire : 02607674
Numéro unique : 5708760
Analyse : MOB 2 (Additional Tests: Glycol, KV40, VI)

Reçu : 10 Jan 2024
Diagnostiqueur : Wes Davis

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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.