



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

Identité de la machine

301313

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 | | PC0086609 | PC0078984 | PC0079475 |
| Date d'échant. | | Client Info | | 08 Jun 2024 | 21 Feb 2024 | 03 Jan 2024 |
| Âge d la Machine | kms | Client Info | | 1027470 | 997236 | 982820 |
| Âge de l'huile | kms | Client Info | | 0 | 12500 | 12500 |
| Âge du filtre | kms | Client Info | | 0 | 12500 | 12500 |
| Huile changée | | Client Info | | N/A | Changed | Changed |
| Filtre changé | | Client Info | | N/A | Changed | Changed |
| Statut de l'échant. | | | | NORMAL | NORMAL | NORMAL |

USURE

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

| | | | | | | |
|-----------|-----|---------------|------|--------------|----|----|
| Fer | ppm | ASTM D5185(m) | >100 | 31 | 26 | 28 |
| Chrome | ppm | ASTM D5185(m) | >20 | <1 | <1 | <1 |
| Nickel | ppm | ASTM D5185(m) | >4 | <1 | <1 | <1 |
| Titane | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Argent | ppm | ASTM D5185(m) | >3 | <1 | 0 | 0 |
| Aluminium | ppm | ASTM D5185(m) | >20 | 2 | 3 | 2 |
| Plomb | ppm | ASTM D5185(m) | >40 | 2 | 1 | 1 |
| Cuivre | ppm | ASTM D5185(m) | >330 | 7 | 4 | 4 |
| Étain | ppm | ASTM D5185(m) | >15 | 0 | 0 | 0 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |

CONTAMINATION

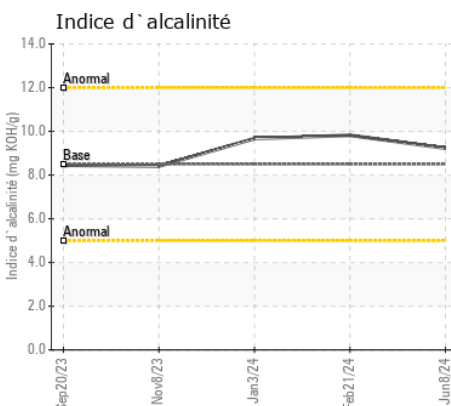
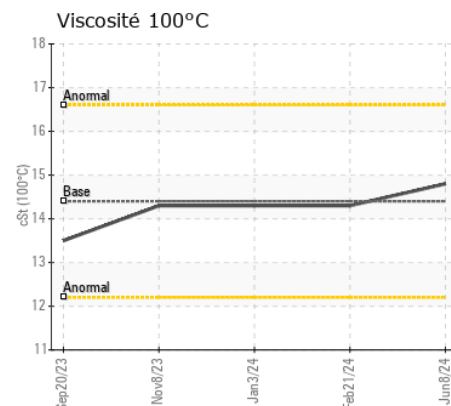
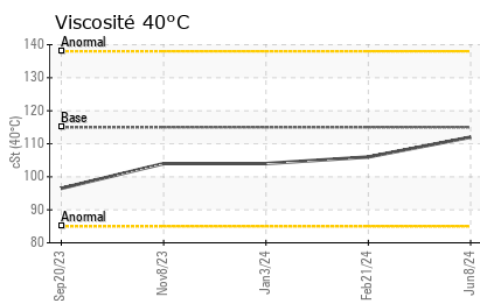
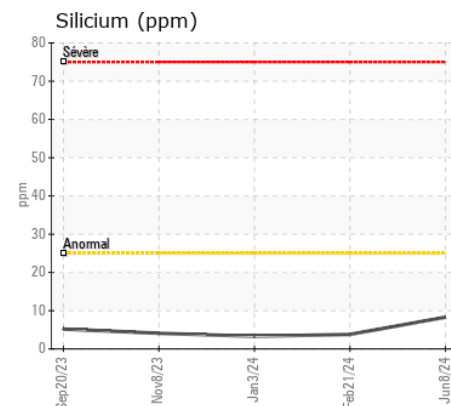
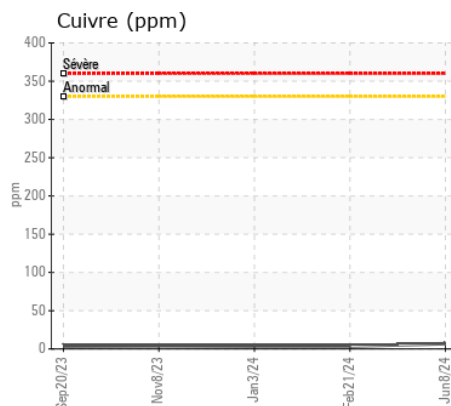
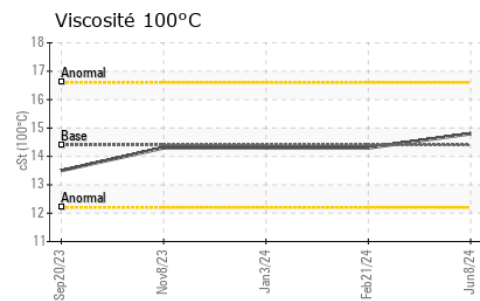
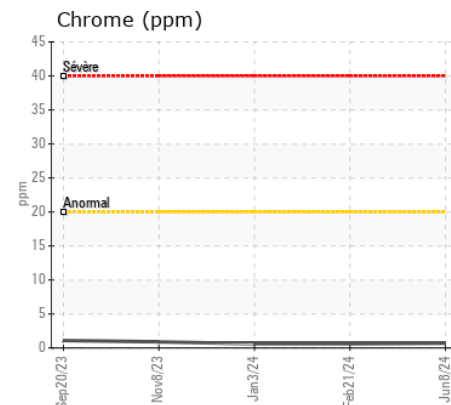
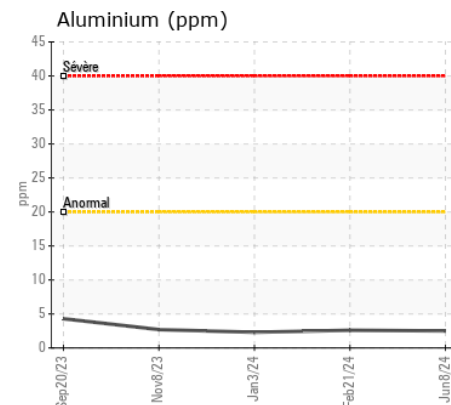
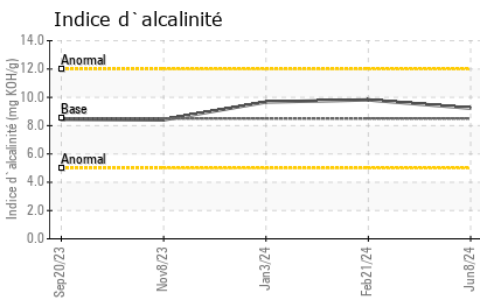
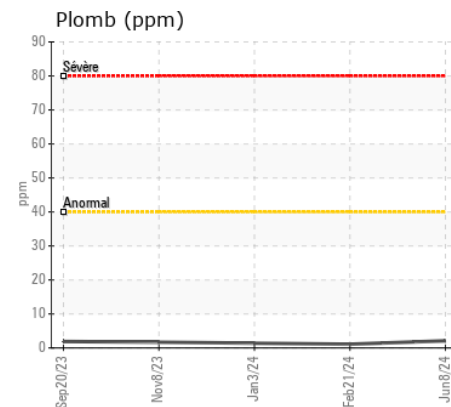
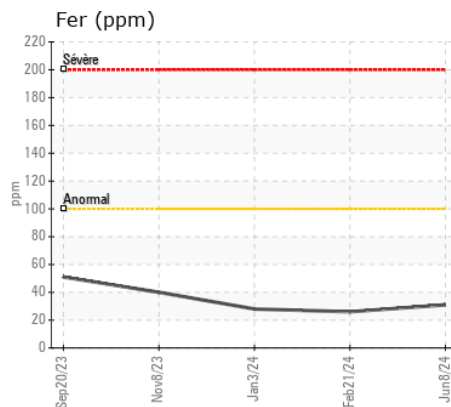
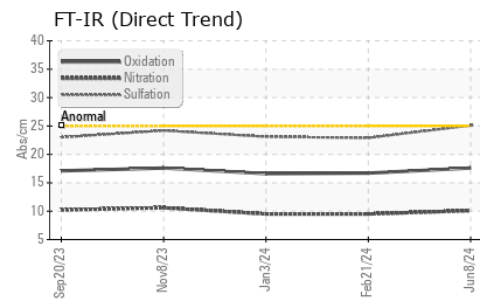
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|------|----------------|------|------|
| Silicium | ppm | ASTM D5185(m) | >25 | 8 | 4 | 3 |
| Potassium | ppm | ASTM D5185(m) | >20 | 1 | 1 | <1 |
| Essence | | WC Method | >5 | <1.0 | <1.0 | <1.0 |
| L'eau | | WC Method | >0.2 | NEG | NEG | NEG |
| Glycol | | WC Method | | NEG | NEG | NEG |
| % de suie | % | ASTM D7844* | >3 | 1.9 | 1.4 | 1.4 |
| Nitration | Abs/cm | ASTM D7624* | >20 | 10.1 | 9.5 | 9.5 |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 25.1 | 22.9 | 23.1 |
| 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 | 6 | 5 | 4 |
| Bore | ppm | ASTM D5185(m) | 250 | 2 | 1 | <1 |
| Baryum | ppm | ASTM D5185(m) | 10 | 0 | 0 | 0 |
| Molybdène | ppm | ASTM D5185(m) | 100 | 61 | 61 | 58 |
| Manganèse | ppm | ASTM D5185(m) | | <1 | 0 | 0 |
| Magnésium | ppm | ASTM D5185(m) | 450 | 965 | 1006 | 964 |
| Calcium | ppm | ASTM D5185(m) | 3000 | 1121 | 1132 | 1040 |
| Phosphore | ppm | ASTM D5185(m) | 1150 | 1010 | 1066 | 976 |
| Zinc | ppm | ASTM D5185(m) | 1350 | 1233 | 1243 | 1178 |
| Soufre | ppm | ASTM D5185(m) | 4250 | 2411 | 2693 | 2470 |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 17.6 | 16.7 | 16.6 |
| Indice d'alcalinité | mg KOH/g | ASTM D2896* | 8.5 | 9.23 | 9.82 | 9.67 |
| Visc 40°C | cSt | ASTM D7279(m) | 115 | 112 | 106 | 104 |
| Visc 100°C | cSt | ASTM D7279(m) | 14.4 | 14.8 | 14.3 | 14.3 |
| Indice de viscosité (VI) | Scale | ASTM D2270* | 126 | 136 | 137 | 140 |



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0086609
N° de laboratoire : 02642788
Reçu : 19 Jun 2024
Tested : 20 Jun 2024
Numéro unique : 5800327
Diagnostiqué : 20 Jun 2024 - Kevin Marson
Analyse : MOB 2 (Additional Tests: KV40, VI)

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 T: (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.