



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

Identité de la machine

511019

Composant

Moteur à essence

Fluide

SAE 5W30 (--- 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 | | PC0074112 | PC0074045 | PC |
| Date d'échant. | | Client Info | | 24 Oct 2023 | 02 Jun 2023 | 25 Feb 2023 |
| Âge d la Machine | kms | Client Info | | 165482 | 148901 | 138752 |
| Âge de l'huile | kms | Client Info | | 0 | 8000 | 8000 |
| Âge du filtre | kms | Client Info | | 0 | 8000 | 8000 |
| 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) | >150 | 11 | 22 | 20 |
| Chrome | ppm | ASTM D5185(m) | >20 | <1 | 2 | 1 |
| Nickel | ppm | ASTM D5185(m) | >5 | <1 | 1 | 1 |
| Titane | ppm | ASTM D5185(m) | | 0 | 0 | <1 |
| Argent | ppm | ASTM D5185(m) | >2 | <1 | 0 | 0 |
| Aluminium | ppm | ASTM D5185(m) | >40 | 4 | 5 | 4 |
| Plomb | ppm | ASTM D5185(m) | >50 | 0 | 0 | <1 |
| Cuivre | ppm | ASTM D5185(m) | >155 | 1 | <1 | <1 |
| Étain | ppm | ASTM D5185(m) | >10 | 0 | 0 | 0 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Métal blanc | scalar | Visual* | NONE | VLITE | NONE | VLITE |
| Bronze | scalar | Visual* | NONE | NONE | NONE | NONE |

CONTAMINATION

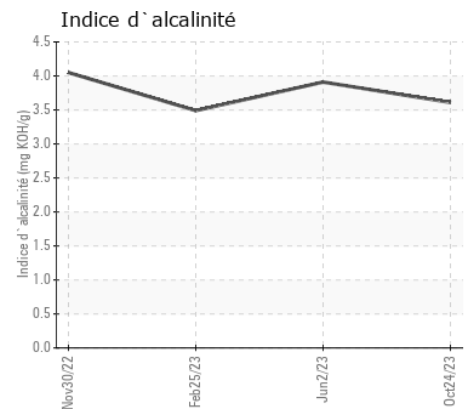
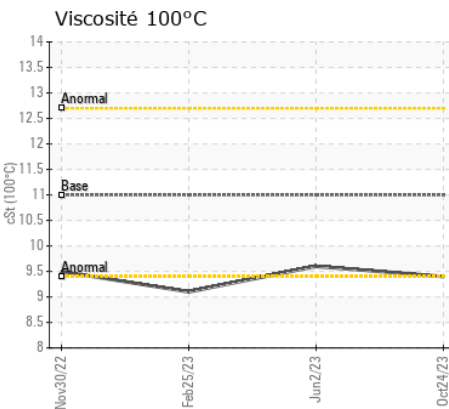
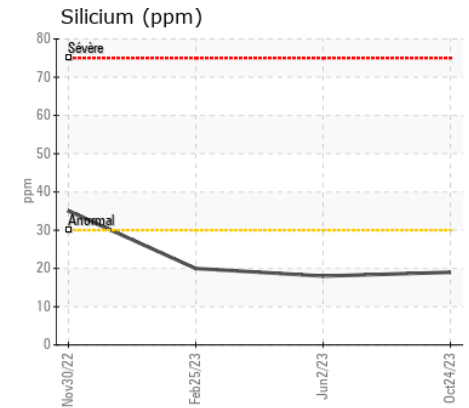
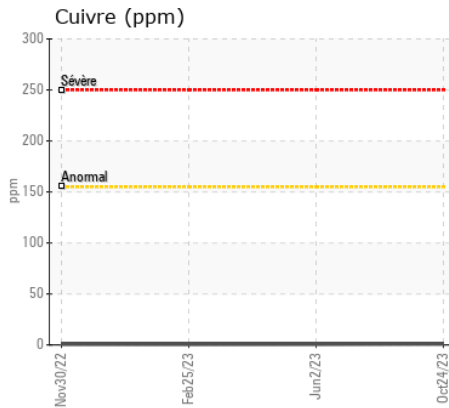
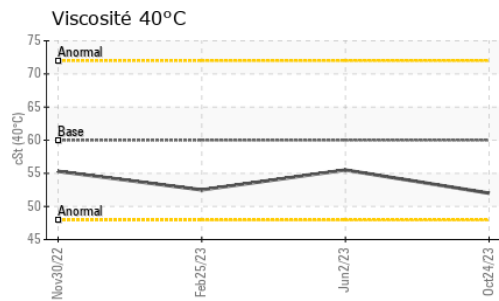
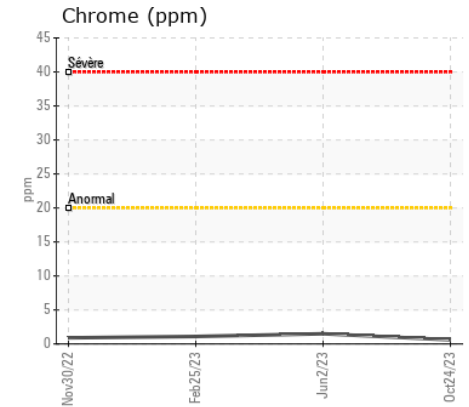
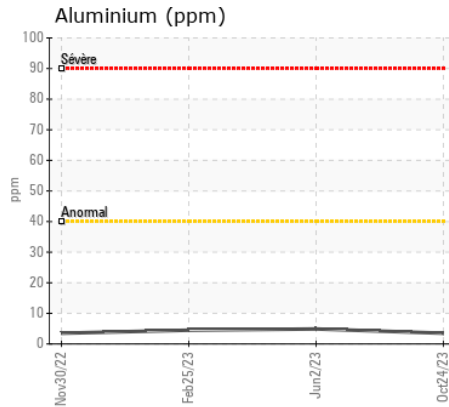
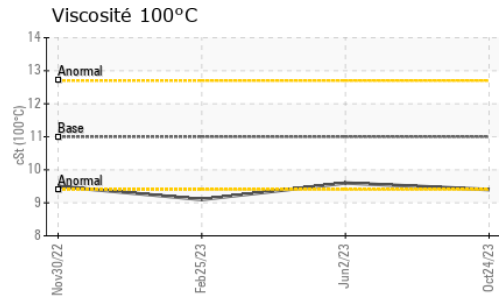
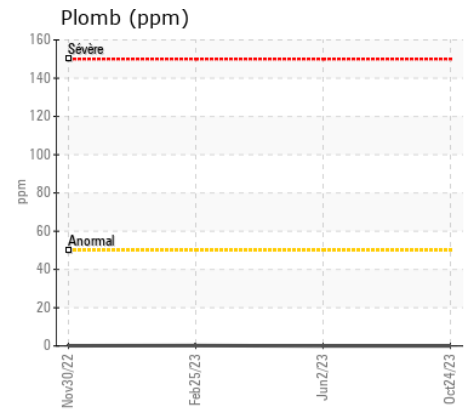
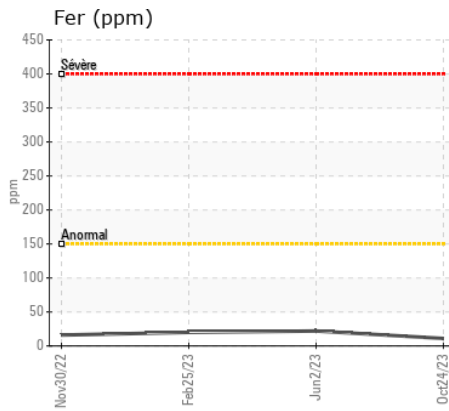
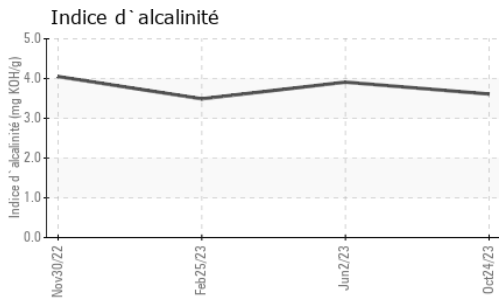
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|-------|----------------|-------|-------|
| Silicium | ppm | ASTM D5185(m) | >30 | 19 | 18 | 20 |
| Potassium | ppm | ASTM D5185(m) | >20 | <1 | 2 | 1 |
| Essence | | WC Method | >4.0 | <1.0 | <1.0 | 1.9 |
| L'eau | | WC Method | >0.2 | NEG | NEG | NEG |
| Glycol | | WC Method | | NEG | NEG | NEG |
| % de suie | % | ASTM D7844* | | 0 | 0 | 0 |
| Nitration | Abs/cm | ASTM D7624* | >20 | 13.2 | 15.2 | 16.5 |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 24.4 | 27.2 | 30.3 |
| Limon | scalar | Visual* | NONE | VLITE | NONE | NONE |
| Débris | scalar | Visual* | NONE | NONE | NONE | NONE |
| Saleté | scalar | Visual* | NONE | NONE | NONE | NONE |
| Apparence | scalar | Visual* | NORML | NORML | NORML | NORML |
| Odeur | scalar | Visual* | NORML | NORML | NORML | NORML |
| 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) | >400 | 4 | 8 | 4 |
| Bore | ppm | ASTM D5185(m) | | 26 | 37 | 30 |
| Baryum | ppm | ASTM D5185(m) | | <1 | 0 | 0 |
| Molybdène | ppm | ASTM D5185(m) | | 71 | 73 | 69 |
| Manganèse | ppm | ASTM D5185(m) | | 0 | <1 | <1 |
| Magnésium | ppm | ASTM D5185(m) | | 507 | 534 | 479 |
| Calcium | ppm | ASTM D5185(m) | | 1208 | 1238 | 1205 |
| Phosphore | ppm | ASTM D5185(m) | | 668 | 730 | 701 |
| Zinc | ppm | ASTM D5185(m) | | 741 | 776 | 704 |
| Soufre | ppm | ASTM D5185(m) | | 2278 | 2339 | 2304 |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 18.4 | 22.6 | 23.1 |
| Indice d'alcalinité | mg KOH/g | ASTM D2896* | | 3.61 | 3.91 | 3.49 |
| Visc 40°C | cSt | ASTM D7279(m) | 60.0 | 52.0 | 55.5 | 52.5 |
| Visc 100°C | cSt | ASTM D7279(m) | 11.0 | 9.4 | 9.6 | 9.1 |
| Indice de viscosité (VI) | Scale | ASTM D2270* | 177 | 165 | 158 | 155 |



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0074112 **Reçu** : 28 Nov 2023
N° de laboratoire : 02599420 **Diagnostiqué** : 29 Nov 2023
Numéro unique : 5684500 **Diagnostiqueur** : Wes Davis
Analyse : MOB 2 (Additional Tests: KV40, VI)

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.

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