



POWER SYSTEMS
SYSTÈMES DE PUISSANCE

RAPPORT D'ANALYSE D'HUILE

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

Identité de la machine

PREVOST 1678

Composant

Moteur diesel

Fluid

TOTAL RUBIA OPTIMA 1100 FE 10W30 (--- 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 | | WA0020707 | WA0019660 | WA0016149 |
| Date d'échant. | | Client Info | | 14 Oct 2023 | 05 May 2023 | 13 Apr 2022 |
| Âge d la Machine | mls | Client Info | | 0 | 0 | 0 |
| Âge de l'huile | mls | Client Info | | 16775 | 0 | 50744 |
| Âge du filtre | mls | Client Info | | 0 | 0 | 0 |
| Huile changée | | Client Info | | Changed | Changed | Changed |
| Filtre changé | | Client Info | | N/A | N/A | N/A |
| Statut de l'échant. | | | | NORMAL | ABNORMAL | NORMAL |

USURE

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

| | | | | | | |
|-----------|-----|---------------|------|--------------|----|----|
| Fer | ppm | ASTM D5185(m) | >100 | 31 | 15 | 33 |
| Chrome | ppm | ASTM D5185(m) | >20 | 1 | <1 | <1 |
| Nickel | ppm | ASTM D5185(m) | >4 | 1 | <1 | 3 |
| Titane | ppm | ASTM D5185(m) | | 0 | <1 | 0 |
| Argent | ppm | ASTM D5185(m) | >3 | 0 | 0 | 0 |
| Aluminium | ppm | ASTM D5185(m) | >20 | 5 | 5 | 4 |
| Plomb | ppm | ASTM D5185(m) | >40 | 3 | <1 | 2 |
| Cuivre | ppm | ASTM D5185(m) | >330 | 3 | 2 | 8 |
| Étain | ppm | ASTM D5185(m) | >15 | <1 | <1 | <1 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |

CONTAMINATION

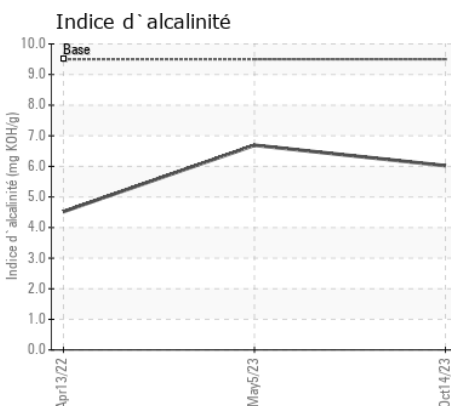
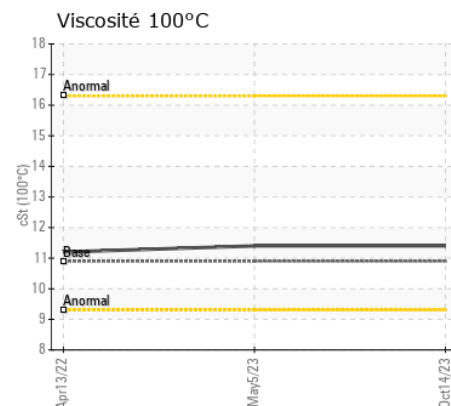
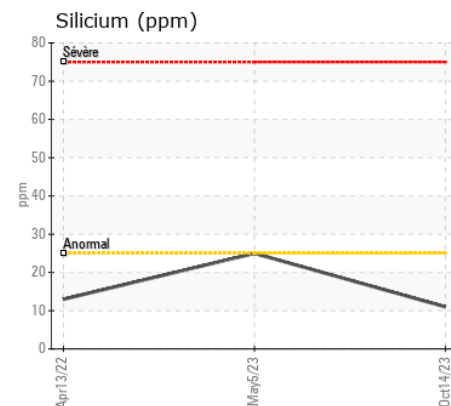
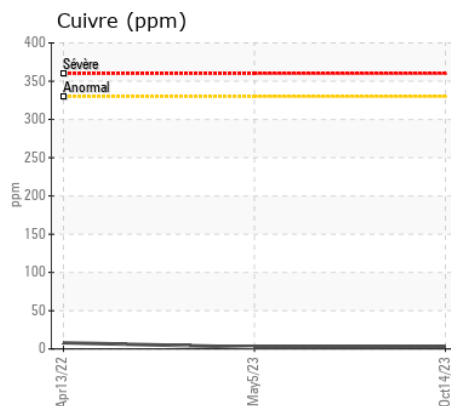
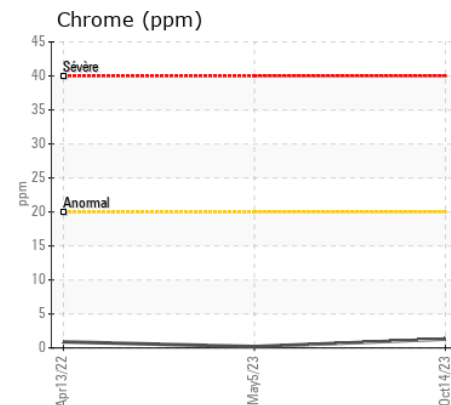
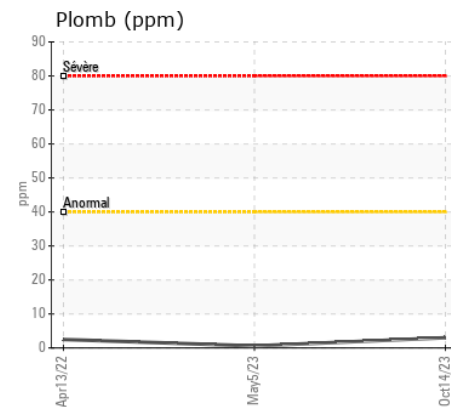
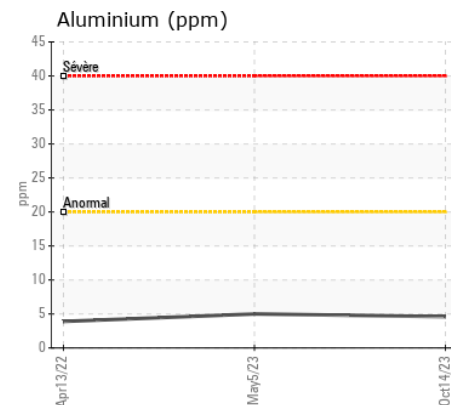
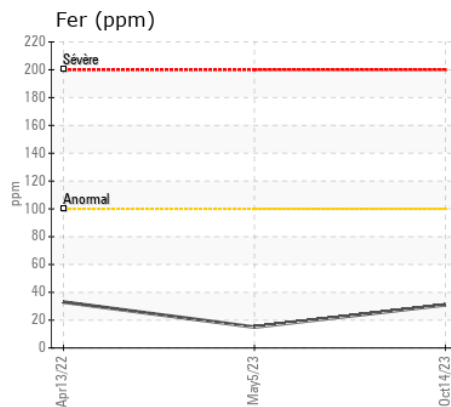
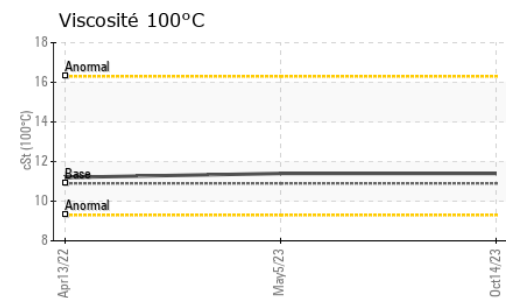
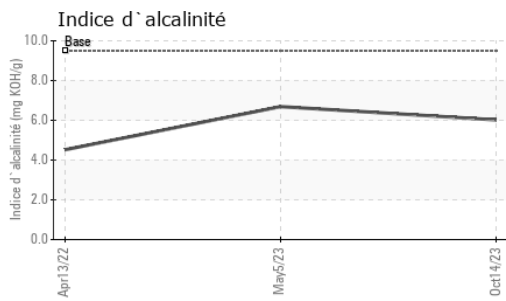
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|------|----------------|------|------|
| Silicium | ppm | ASTM D5185(m) | >25 | 11 | ▲ 25 | 13 |
| Potassium | ppm | ASTM D5185(m) | >20 | 2 | <1 | 6 |
| 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 | 0.5 | 0.1 | 0.1 |
| Nitration | Abs/cm | ASTM D7624* | >20 | 11.2 | 9.5 | 10.6 |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 25.5 | 20.9 | 27.7 |
| 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) | | 7 | 33 | 10 |
| Bore | ppm | ASTM D5185(m) | | 12 | 24 | 12 |
| Baryum | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Molybdène | ppm | ASTM D5185(m) | | 84 | 78 | 82 |
| Manganèse | ppm | ASTM D5185(m) | | 0 | <1 | <1 |
| Magnésium | ppm | ASTM D5185(m) | | 143 | 123 | 184 |
| Calcium | ppm | ASTM D5185(m) | | 2119 | 2190 | 1901 |
| Phosphore | ppm | ASTM D5185(m) | | 952 | 1010 | 983 |
| Zinc | ppm | ASTM D5185(m) | | 1163 | 1125 | 1128 |
| Soufre | ppm | ASTM D5185(m) | | 2750 | 2852 | 2737 |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 19.0 | 15.6 | 20.4 |
| Indice d'alcalinité | mg KOH/g | ASTM D2896* | 9.5 | 6.02 | 6.69 | 4.52 |
| Visc 100°C | cSt | ASTM D7279(m) | 10.9 | 11.4 | 11.4 | 11.2 |



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WA0020707
N° de laboratoire : 02604574
Numéro unique : 5697659
Analyse : MOB 2

Reçu : 21 Dec 2023
Diagnostiqué : 22 Dec 2023
Diagnostiqueur : Wes Davis

ROGER MAHEUX LTEE
 3280 SAGUENAY
 ROUYN-NORANDA, QC
 CA J9Y 0E2

Contact: Denis Baillargeon
 magasin@autobusmaheux.qc.ca
 T: (819)797-3202
 F: (819)797-3626

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.