



VOLVO

RAPPORT D'ANALYSE D'HUILE

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

Secteur

[BTBC-003199]

Identité de la machine

T12-04

Composant

Moteur diesel

Fluid

TOTAL FINA QUARTS 9000 5W40 (--- 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 | | VCP449273 | VCP273405 | --- |
| Date d'échant. | | Client Info | | 27 Mar 2024 | 09 Aug 2022 | --- |
| Âge d la Machine | kms | Client Info | | 1966 | 1460 | --- |
| Âge de l'huile | kms | Client Info | | 0 | 0 | --- |
| Âge du filtre | kms | Client Info | | 0 | 0 | --- |
| Huile changée | | Client Info | | Changed | Changed | --- |
| Filtre changé | | Client Info | | Changed | Changed | --- |
| Statut de l'échant. | | | | NORMAL | NORMAL | --- |

USURE

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

| | | | | | | |
|-----------|-----|---------------|------|----|----|-----|
| Fer | ppm | ASTM D5185(m) | >100 | 13 | 32 | --- |
| Chrome | ppm | ASTM D5185(m) | >20 | <1 | <1 | --- |
| Nickel | ppm | ASTM D5185(m) | >4 | 0 | <1 | --- |
| Titane | ppm | ASTM D5185(m) | | <1 | <1 | --- |
| Argent | ppm | ASTM D5185(m) | >3 | 0 | 0 | --- |
| Aluminium | ppm | ASTM D5185(m) | >20 | 1 | 2 | --- |
| Plomb | ppm | ASTM D5185(m) | >40 | 0 | 0 | --- |
| Cuivre | ppm | ASTM D5185(m) | >330 | 1 | 2 | --- |
| Étain | ppm | ASTM D5185(m) | >15 | 0 | <1 | --- |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | --- |

CONTAMINATION

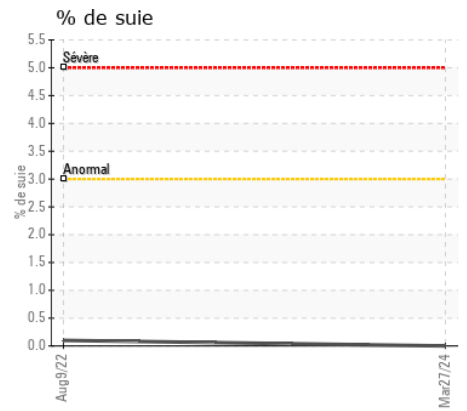
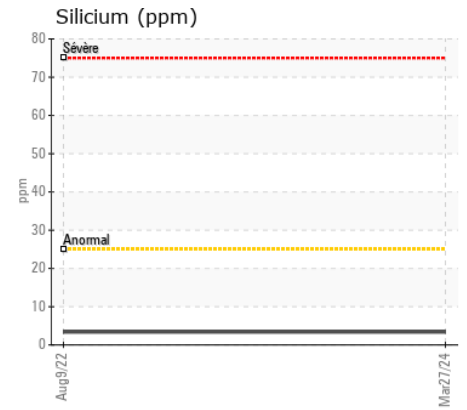
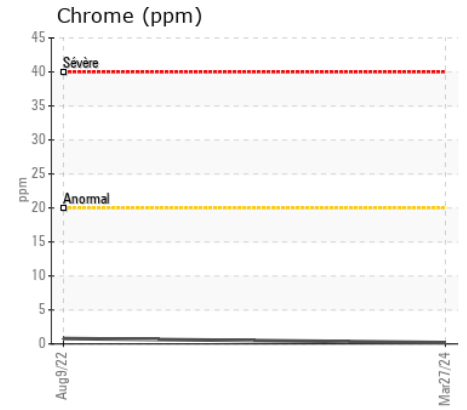
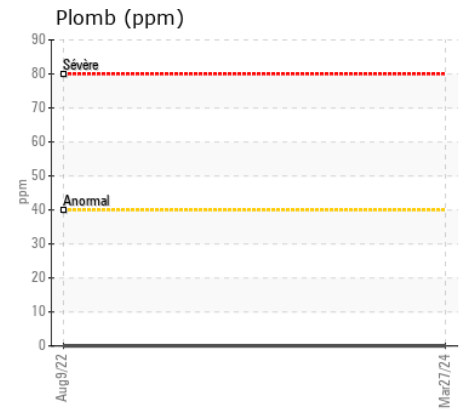
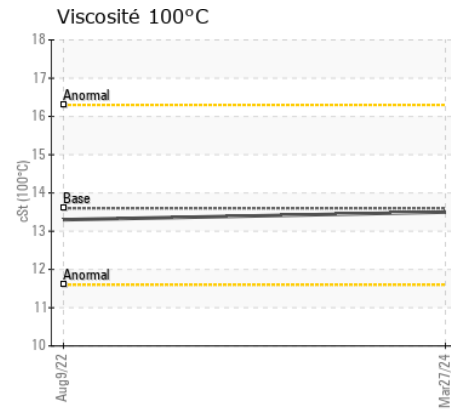
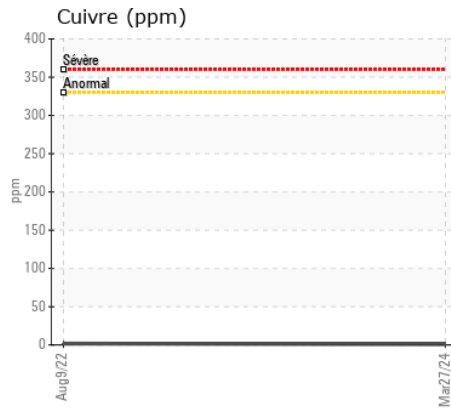
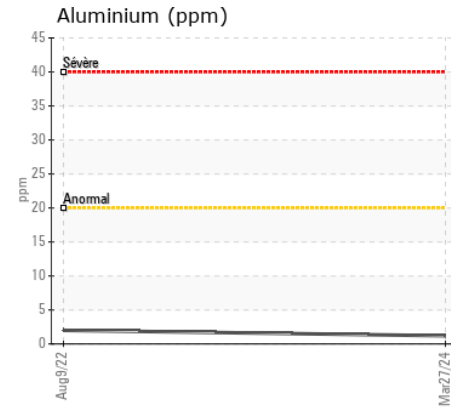
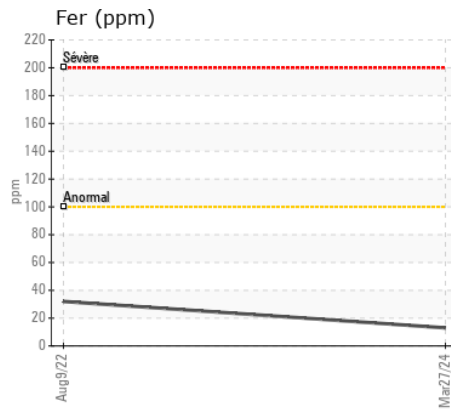
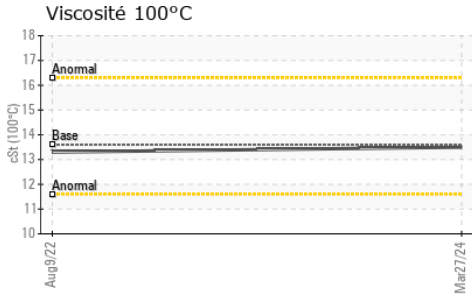
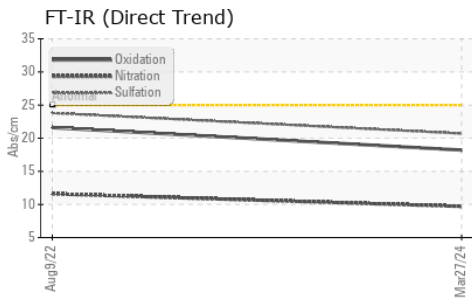
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|------|------|------|-----|
| Silicium | ppm | ASTM D5185(m) | >25 | 3 | 3 | --- |
| Potassium | ppm | ASTM D5185(m) | >20 | 1 | 3 | --- |
| Essence | | WC Method | >5 | <1.0 | <1.0 | --- |
| L'eau | | WC Method | >0.2 | NEG | NEG | --- |
| Glycol | | WC Method | | NEG | NEG | --- |
| % de suie | % | ASTM D7844* | >3 | 0 | 0.1 | --- |
| Nitration | Abs/cm | ASTM D7624* | >20 | 9.7 | 11.6 | --- |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 20.7 | 23.8 | --- |
| Eau émulsifiée | scalar | Visual* | >0.2 | NEG | NEG | --- |

ÉTAT DU FLUIDE

L'état de l'huile est acceptable pour la durée de service.

| | | | | | | |
|------------|----------|---------------|------|------|------|-----|
| Sodium | ppm | ASTM D5185(m) | | 4 | 5 | --- |
| Bore | ppm | ASTM D5185(m) | | 50 | 20 | --- |
| Baryum | ppm | ASTM D5185(m) | | 0 | 0 | --- |
| Molybdène | ppm | ASTM D5185(m) | | 45 | 57 | --- |
| Manganèse | ppm | ASTM D5185(m) | | 0 | <1 | --- |
| Magnésium | ppm | ASTM D5185(m) | | 996 | 938 | --- |
| Calcium | ppm | ASTM D5185(m) | | 946 | 1102 | --- |
| Phosphore | ppm | ASTM D5185(m) | | 955 | 996 | --- |
| Zinc | ppm | ASTM D5185(m) | | 1139 | 1143 | --- |
| Soufre | ppm | ASTM D5185(m) | | 2668 | 2551 | --- |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 18.2 | 21.6 | --- |
| Visc 100°C | cSt | ASTM D7279(m) | 13.6 | 13.5 | 13.3 | --- |



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : VCP449273
N° de laboratoire : 02626963
Numéro unique : 5760095
Analyse : MOB 1

Reçu : 05 Apr 2024
Tested : 05 Apr 2024
Diagnostiqué : 05 Apr 2024 - Wes Davis

TESSIER LTEE.
 4 RUE LAVALEE
 BAIE COMEAU, QC
 CA G4Z 1L4

Contact: Amyot Jean-Pierre
 jean.pierre.amyot@tessier.desgagnes.com

Pour discuter cette 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.

T: (418)296-2423

F: (418)296-3771