



LIEBHERR

RAPPORT D'ANALYSE D'HUILE

USURE **NORMAL**

CONTAMINATION **NORMAL**

ÉTAT DU FLUIDE **NORMAL**



Identité de la machine
LIEBHERR LH30M 100033-1253
 Composant
Différentiel Arrière
 Fluid
GEAR OIL SAE 75W90 (14 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 | | LH0285883 | LH | LH0226996 |
| Date d'échant. | | Client Info | | 27 Feb 2024 | 03 May 2023 | 12 May 2022 |
| Âge d la Machine | hrs | Client Info | | 12543 | 0 | 0 |
| Âge de l'huile | hrs | Client Info | | 0 | 0 | 0 |
| Âge du filtre | hrs | Client Info | | 0 | 0 | 0 |
| Huile changée | | Client Info | | N/A | N/A | N/A |
| Filtre changé | | Client Info | | N/A | N/A | N/A |
| Statut de l'échant. | | | | NORMAL | NORMAL | NORMAL |

USURE

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

| | | | | | | |
|-------------|--------|---------------|------|--------------|------|-------|
| Fer | ppm | ASTM D5185(m) | >190 | 20 | 17 | 41 |
| Chrome | ppm | ASTM D5185(m) | >2 | 0 | 0 | <1 |
| Nickel | ppm | ASTM D5185(m) | >2 | <1 | 0 | <1 |
| Titane | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Argent | ppm | ASTM D5185(m) | | <1 | 0 | 0 |
| Aluminium | ppm | ASTM D5185(m) | >5 | <1 | <1 | <1 |
| Plomb | ppm | ASTM D5185(m) | >15 | 0 | 0 | 0 |
| Cuivre | ppm | ASTM D5185(m) | >70 | <1 | <1 | <1 |
| Étain | ppm | ASTM D5185(m) | >2 | 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

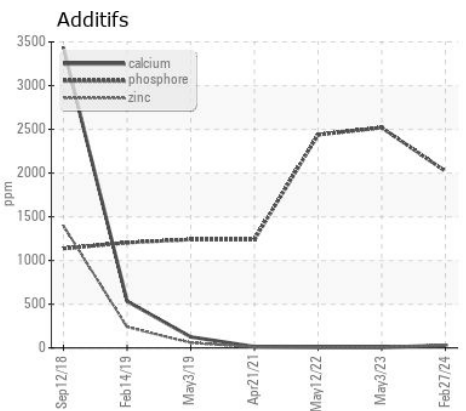
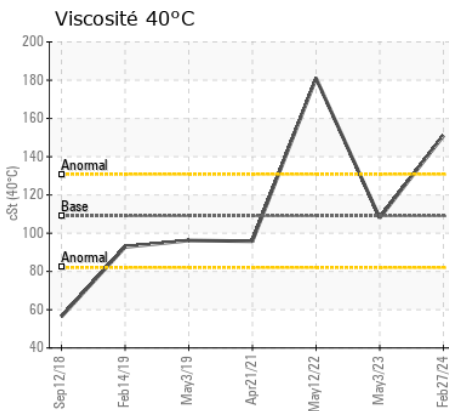
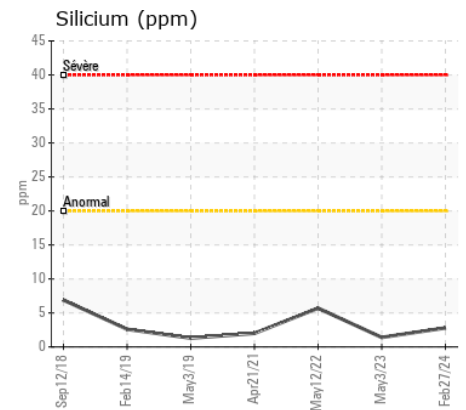
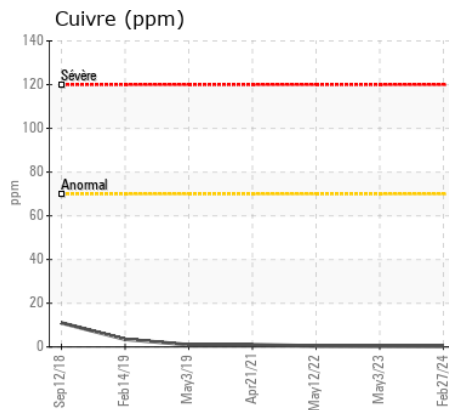
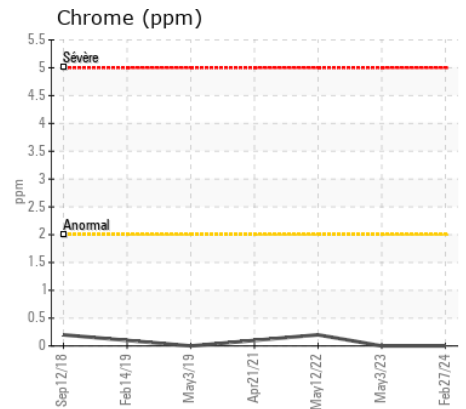
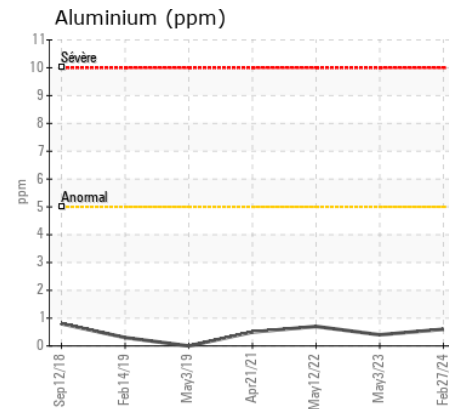
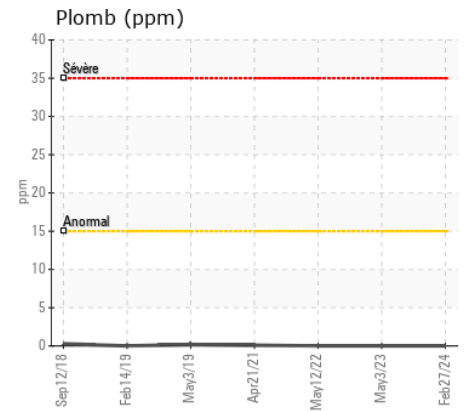
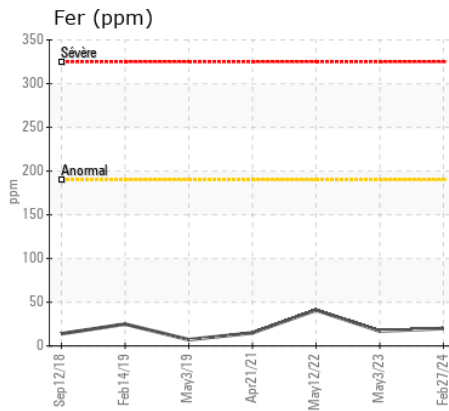
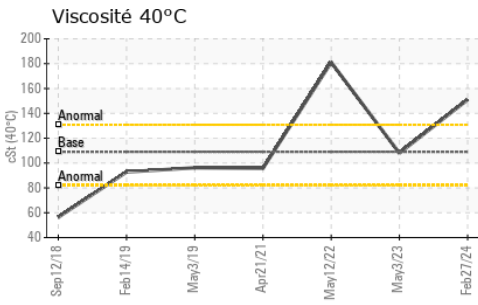
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|--------|---------------|-------|--------------|-------|-------|
| Silicium | ppm | ASTM D5185(m) | >20 | 3 | 1 | 6 |
| Potassium | ppm | ASTM D5185(m) | >20 | <1 | 0 | <1 |
| L'eau | | WC Method | >.2 | NEG | NEG | NEG |
| Limon | scalar | Visual* | NONE | NONE | NONE | VLITE |
| Débris | scalar | Visual* | NONE | NONE | NONE | NONE |
| Saleté | scalar | Visual* | NONE | LIGHT | NONE | NONE |
| Apparence | scalar | Visual* | NORML | NORML | NORML | NORML |
| Odeur | scalar | Visual* | NORML | NORML | NORML | NORML |
| Eau émulsifiée | scalar | Visual* | >.2 | NEG | NEG | NEG |

ÉTAT DU FLUIDE

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

| | | | | | | |
|-----------|-----|---------------|-------|--------------|-------|-------|
| Sodium | ppm | ASTM D5185(m) | | 1 | 2 | 2 |
| Bore | ppm | ASTM D5185(m) | 400 | 84 | 240 | 26 |
| Baryum | ppm | ASTM D5185(m) | 200 | 0 | 0 | <1 |
| Molybdène | ppm | ASTM D5185(m) | 12 | 1 | 0 | 0 |
| Manganèse | ppm | ASTM D5185(m) | | 0 | <1 | <1 |
| Magnésium | ppm | ASTM D5185(m) | 12 | 22 | <1 | <1 |
| Calcium | ppm | ASTM D5185(m) | 150 | 30 | 7 | 10 |
| Phosphore | ppm | ASTM D5185(m) | 1650 | 2021 | 2520 | 2439 |
| Zinc | ppm | ASTM D5185(m) | 125 | 31 | 6 | 5 |
| Soufre | ppm | ASTM D5185(m) | 22500 | 22769 | 24133 | 26520 |
| Visc 40°C | cSt | ASTM D7279(m) | 109 | 151 | 108 | 181 |



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

N° d'échantillon : LH0285883

N° de laboratoire : 02620644

Numéro unique : 5737754

Analyse : MOB 1

Reçu : 07 Mar 2024

Tested : 07 Mar 2024

Diagnostiqué : 07 Mar 2024 - Wes Davis

LES INDUSTRIES MAIBEC INC.

24 RANG 6

ST-PAMPHILLE, QC

CA G0R 3X0

Contact: Richard Boutin

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T:

F:

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.