



LIEBHERR

RAPPORT D'ANALYSE D'HUILE

USURE **NORMAL**

CONTAMINATION **NORMAL**

ÉTAT DU FLUIDE **NORMAL**



Identité de la machine
LIEBHERR LH30M 090215-1253

Composant
Entraînement de tourelle

Fluide
LIEBHERR GEAR BASIC 90 LS (6 LTR)

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 | | LH | LH0251173 | LH |
| Date d'échant. | | Client Info | | 20 Sep 2023 | 03 Mar 2023 | 02 May 2022 |
| Âge d la Machine | hrs | Client Info | | 12906 | 12162 | 0 |
| Âge de l'huile | hrs | Client Info | | 0 | 0 | 0 |
| Âge du filtre | hrs | 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) | >1450 | 555 | 271 | 306 |
| Chrome | ppm | ASTM D5185(m) | >11 | 5 | 2 | 2 |
| Nickel | ppm | ASTM D5185(m) | >3 | <1 | <1 | <1 |
| Titane | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Argent | ppm | ASTM D5185(m) | | <1 | 0 | 0 |
| Aluminium | ppm | ASTM D5185(m) | >4 | <1 | <1 | <1 |
| Plomb | ppm | ASTM D5185(m) | >4 | <1 | <1 | <1 |
| Cuivre | ppm | ASTM D5185(m) | >542 | 24 | 16 | 16 |
| Étain | ppm | ASTM D5185(m) | >38 | 0 | <1 | <1 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Métal blanc | scalar | Visual* | NONE | NONE | NONE | NONE |
| Bronze | scalar | Visual* | NONE | NONE | NONE | NONE |

CONTAMINATION

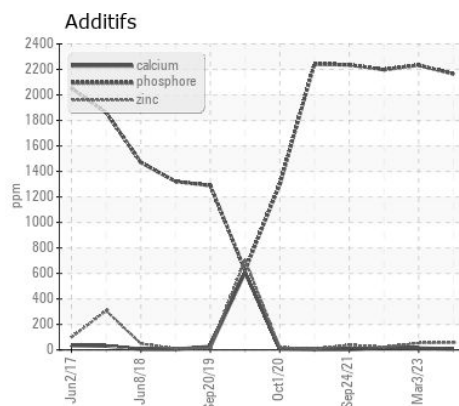
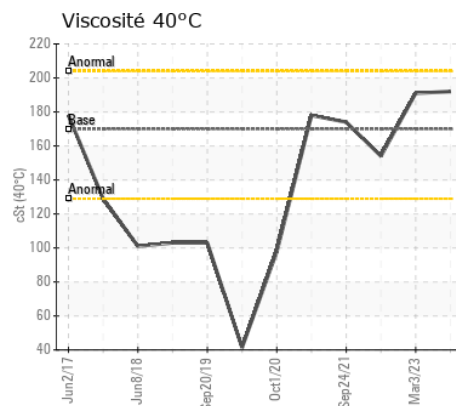
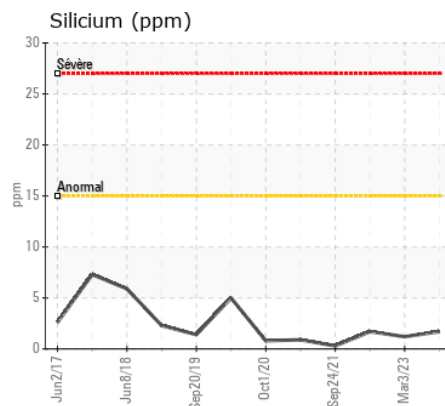
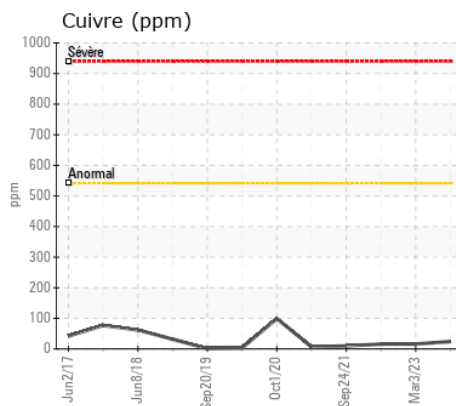
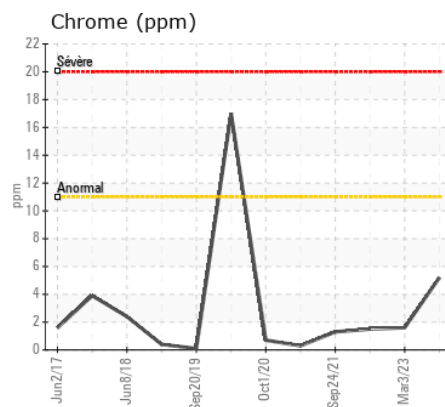
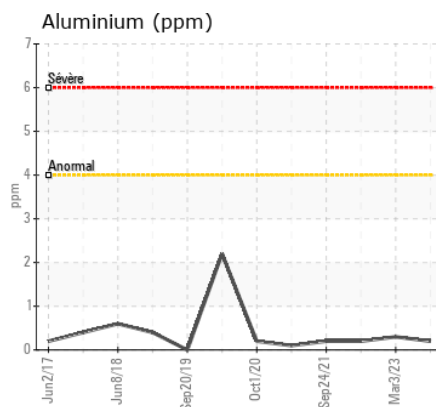
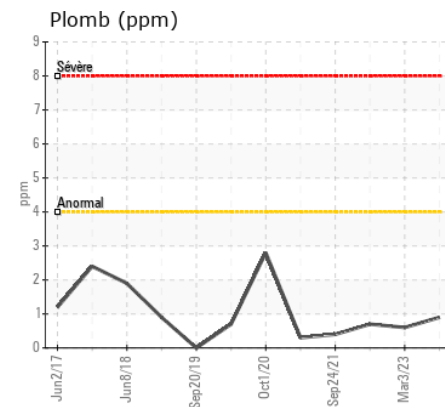
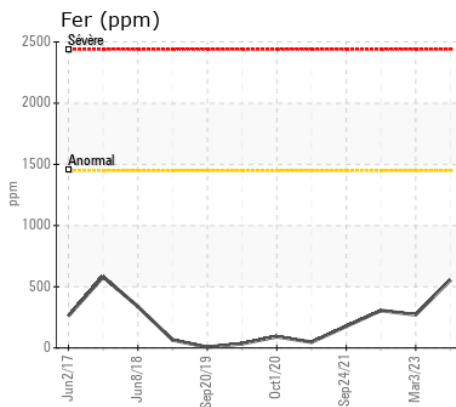
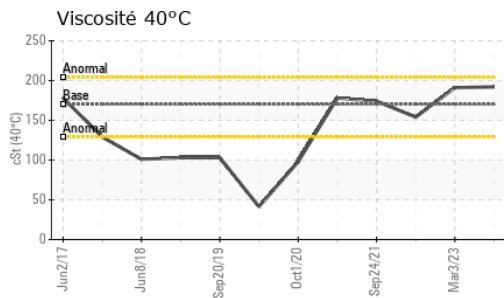
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|--------|---------------|-------|--------------|-------|-------|
| Silicium | ppm | ASTM D5185(m) | >15 | 2 | 1 | 2 |
| Potassium | ppm | ASTM D5185(m) | >20 | 0 | <1 | <1 |
| Limon | scalar | Visual* | NONE | LIGHT | LIGHT | NONE |
| Débris | scalar | Visual* | NONE | NONE | NONE | VLITE |
| 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 | ▲ .2% | 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) | 0 | 9 | 20 | 81 |
| Baryum | ppm | ASTM D5185(m) | 0 | <1 | 0 | 0 |
| Molybdène | ppm | ASTM D5185(m) | 0 | 0 | <1 | 0 |
| Manganèse | ppm | ASTM D5185(m) | 0 | 4 | 2 | 2 |
| Magnésium | ppm | ASTM D5185(m) | <1 | 1 | 1 | 1 |
| Calcium | ppm | ASTM D5185(m) | <1 | 8 | 14 | 18 |
| Phosphore | ppm | ASTM D5185(m) | 2143 | 2164 | 2233 | 2198 |
| Zinc | ppm | ASTM D5185(m) | <1 | 56 | 54 | 22 |
| Soufre | ppm | ASTM D5185(m) | 23468 | 27134 | 32282 | 29482 |
| Visc 40°C | cSt | ASTM D7279(m) | 170 | 192 | 191 | 154 |



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 VEOLIA-SERVICES A L'ENVIRONNEMENT
N° d'échantillon : LH **Reçu** : 06 Oct 2023 2630, BLVD INDUSTRIEL
N° de laboratoire : 02587800 **Diagnostiqué** : 06 Oct 2023 CHAMBLY, QC
Numéro unique : 5656866 **Diagnostiqueur** : Wes Davis CA J3L 4V2
Analyse : MOB 1 **Contact**: Service Manager

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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