



LIEBHERR

RAPPORT D'ANALYSE D'HUILE

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



Identité de la machine
LIEBHERR LH50M 145793-1216
 Composant
Moyeu de roue Avant droit
 Fluide
LIEBHERR GEAR BASIC 90 LS (--- 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 | | LH | LH | LH0259748 |
| Date d'échant. | | Client Info | | 11 Oct 2023 | 04 Jul 2023 | 17 May 2023 |
| Âge d la Machine | hrs | Client Info | | 4000 | 2000 | 1020 |
| Âge de l'huile | hrs | Client Info | | 0 | 0 | 0 |
| Âge du filtre | hrs | Client Info | | 0 | 0 | 0 |
| Huile changée | | Client Info | | Changed | N/A | Changed |
| Filtre changé | | Client Info | | None | 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) | >325 | 100 | 167 | 123 |
| Chrome | ppm | ASTM D5185(m) | >3 | 0 | <1 | 0 |
| Nickel | ppm | ASTM D5185(m) | >2 | <1 | <1 | 0 |
| Titane | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Argent | ppm | ASTM D5185(m) | | <1 | 0 | 0 |
| Aluminium | ppm | ASTM D5185(m) | >10 | <1 | 1 | 1 |
| Plomb | ppm | ASTM D5185(m) | >4 | <1 | <1 | <1 |
| Cuivre | ppm | ASTM D5185(m) | >75 | 8 | 16 | 13 |
| Étain | ppm | ASTM D5185(m) | >3 | 0 | 0 | 0 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Métal blanc | scalar | Visual* | NONE | VLITE | VLITE | LIGHT |
| Bronze | scalar | Visual* | NONE | NONE | NONE | NONE |

CONTAMINATION

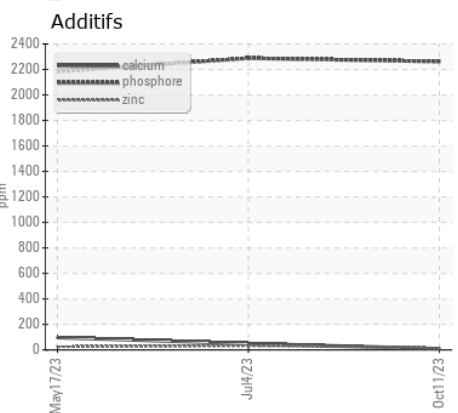
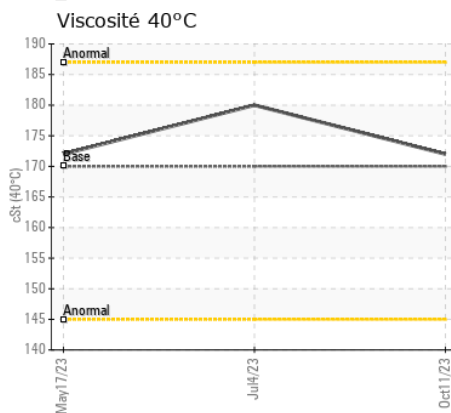
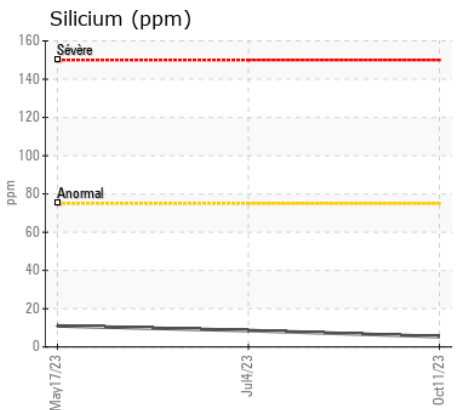
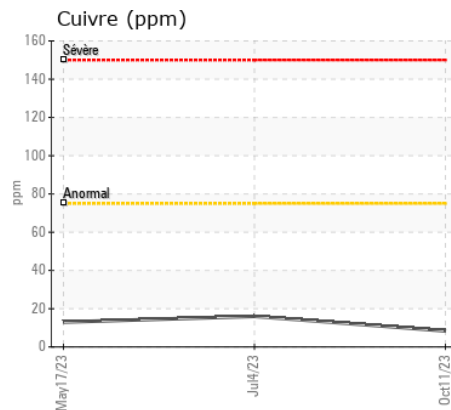
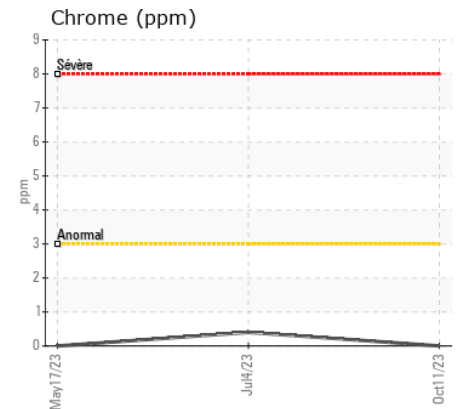
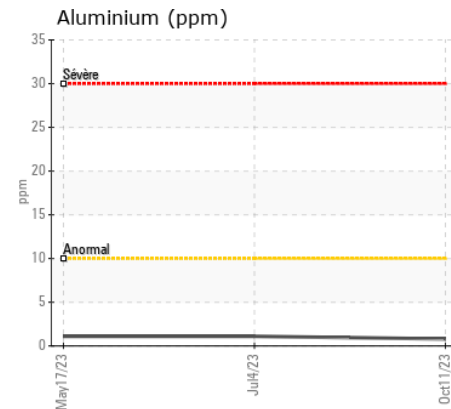
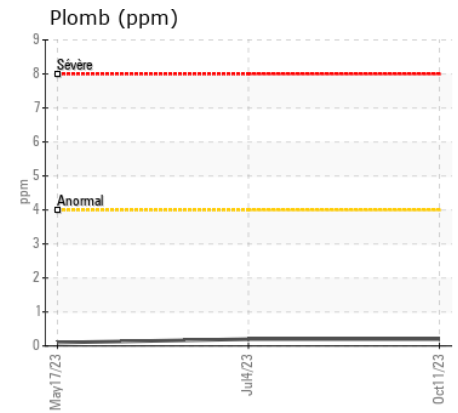
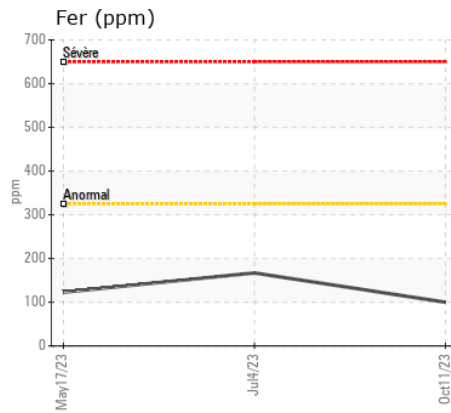
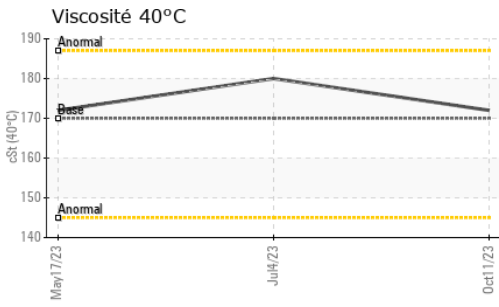
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|--------|---------------|-------|--------------|-------|-------|
| Silicium | ppm | ASTM D5185(m) | >75 | 5 | 9 | 11 |
| Potassium | ppm | ASTM D5185(m) | >20 | 0 | 2 | 3 |
| Limon | scalar | Visual* | NONE | VLITE | NONE | LIGHT |
| Débris | scalar | Visual* | NONE | LIGHT | 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

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

| | | | | | | |
|-----------|-----|---------------|-------|--------------|-------|-------|
| Sodium | ppm | ASTM D5185(m) | | 4 | 7 | 5 |
| Bore | ppm | ASTM D5185(m) | 0 | 1 | 2 | 3 |
| Baryum | ppm | ASTM D5185(m) | 0 | <1 | 0 | 0 |
| Molybdène | ppm | ASTM D5185(m) | 0 | 0 | <1 | <1 |
| Manganèse | ppm | ASTM D5185(m) | 0 | 1 | 2 | 2 |
| Magnésium | ppm | ASTM D5185(m) | <1 | <1 | 1 | 1 |
| Calcium | ppm | ASTM D5185(m) | <1 | 10 | 50 | 97 |
| Phosphore | ppm | ASTM D5185(m) | 2143 | 2262 | 2288 | 2183 |
| Zinc | ppm | ASTM D5185(m) | <1 | 15 | 32 | 25 |
| Soufre | ppm | ASTM D5185(m) | 23468 | 25980 | 24632 | 24057 |
| Visc 40°C | cSt | ASTM D7279(m) | 170 | 172 | 180 | 172 |



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : LH **Reçu** : 16 Oct 2023
N° de laboratoire : 02589385 **Diagnostiqué** : 16 Oct 2023
Numéro unique : 5658451 **Diagnostiqueur** : Wes Davis
Analyse : MOB 1

PF Resolu Canada Inc.
 5850 avenue des jardins
 La Dore, QC
 CA G8J 1B4
 Contact: Dominic Caron

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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F: