



LIEBHERR

RAPPORT D'ANALYSE D'HUILE

USURE **NORMAL**

CONTAMINATION **NORMAL**

ÉTAT DU FLUIDE **NORMAL**



Identité de la machine
LIEBHERR LH50M 145793-1216

Composant
Transmission

Fluid
SAE 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 | | LH | LH | LH |
| Date d'échant. | | Client Info | | 16 Jan 2024 | 30 Nov 2023 | 11 Oct 2023 |
| Âge d la Machine | hrs | Client Info | | 6000 | 5000 | 4000 |
| 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 | | None | None | None |
| Statut de l'échant. | | | | NORMAL | NORMAL | NORMAL |

USURE

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

| | | | | | | |
|-------------|--------|---------------|------|--------------|------|------|
| Fer | ppm | ASTM D5185(m) | >148 | 26 | 41 | 47 |
| Chrome | ppm | ASTM D5185(m) | >4 | 0 | <1 | <1 |
| Nickel | ppm | ASTM D5185(m) | >4 | <1 | <1 | 0 |
| Titane | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Argent | ppm | ASTM D5185(m) | | 0 | <1 | <1 |
| Aluminium | ppm | ASTM D5185(m) | >5 | 2 | 2 | 2 |
| Plomb | ppm | ASTM D5185(m) | >203 | <1 | <1 | <1 |
| Cuivre | ppm | ASTM D5185(m) | >520 | 10 | 20 | 26 |
| Étain | ppm | ASTM D5185(m) | >7 | <1 | <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

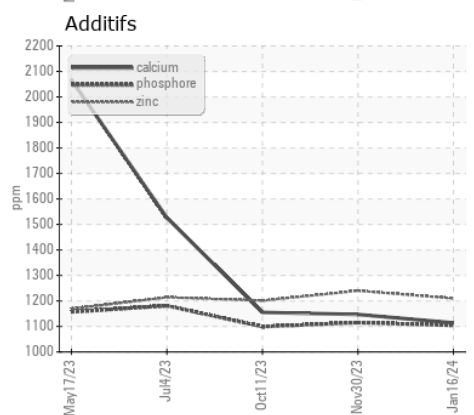
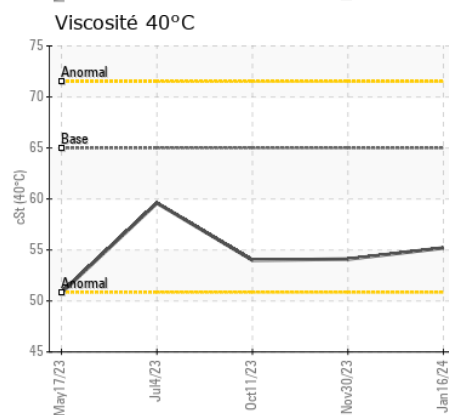
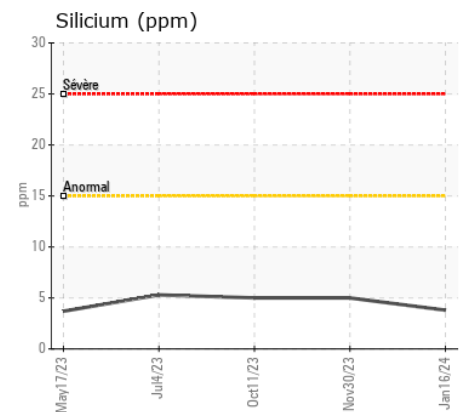
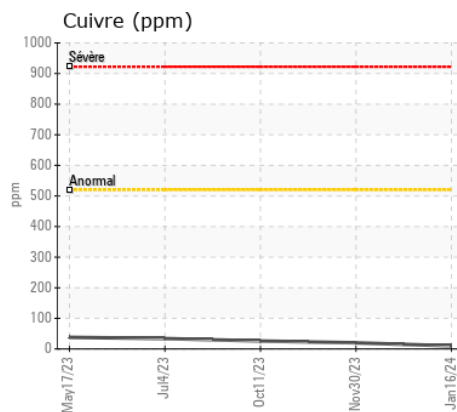
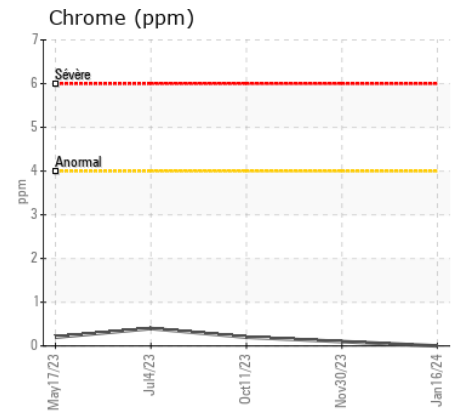
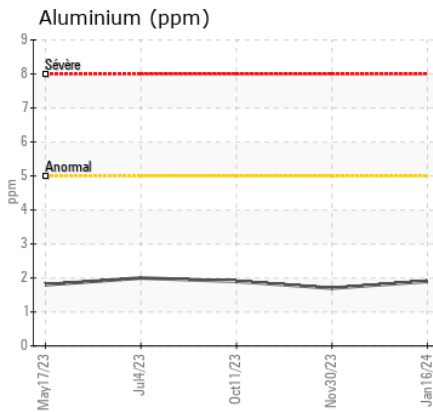
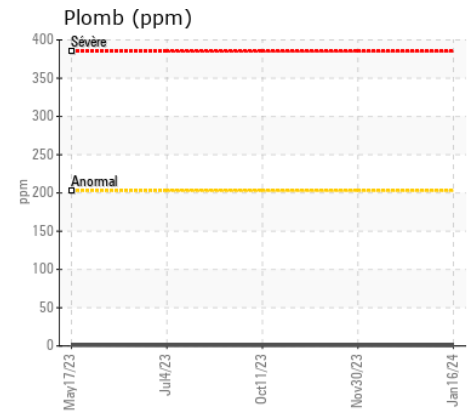
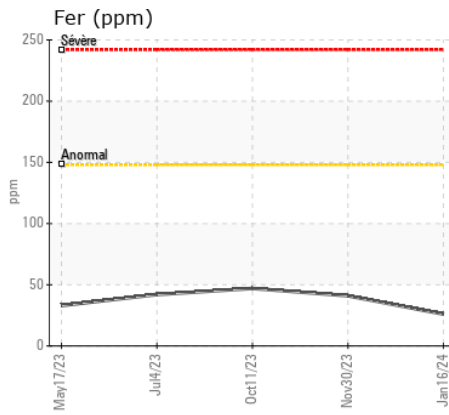
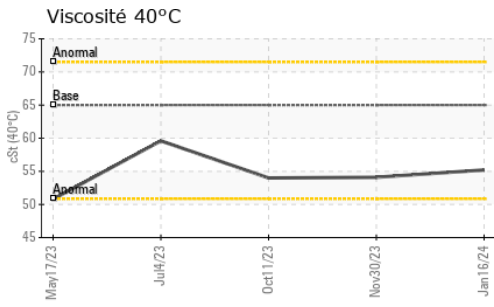
Il n'y a aucun indice de contamination dans le fluide.

| | | | | | | |
|----------------|--------|---------------|-------|--------------|-------|-------|
| Silicium | ppm | ASTM D5185(m) | >15 | 4 | 5 | 5 |
| Potassium | ppm | ASTM D5185(m) | >20 | <1 | 0 | 0 |
| L'eau | | WC Method | >0.1 | NEG | NEG | NEG |
| Limon | scalar | Visual* | NONE | NONE | NONE | VLITE |
| Débris | scalar | Visual* | NONE | VLITE | 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* | >0.1 | NEG | NEG | NEG |

ÉTAT DU FLUIDE

L'état de le fluide est acceptable pour la durée de service.

| | | | | | | |
|-----------|-----|---------------|------|-------------|------|------|
| Sodium | ppm | ASTM D5185(m) | >228 | 2 | 3 | 5 |
| Bore | ppm | ASTM D5185(m) | | 2 | 2 | 2 |
| Baryum | ppm | ASTM D5185(m) | | 0 | <1 | <1 |
| Molybdène | ppm | ASTM D5185(m) | | 62 | 63 | 60 |
| Manganèse | ppm | ASTM D5185(m) | | 2 | 4 | 5 |
| Magnésium | ppm | ASTM D5185(m) | | 1000 | 1001 | 965 |
| Calcium | ppm | ASTM D5185(m) | | 1114 | 1147 | 1155 |
| Phosphore | ppm | ASTM D5185(m) | | 1104 | 1115 | 1099 |
| Zinc | ppm | ASTM D5185(m) | | 1210 | 1240 | 1201 |
| Soufre | ppm | ASTM D5185(m) | | 3083 | 2933 | 3031 |
| Visc 40°C | cSt | ASTM D7279(m) | 65.0 | 55.2 | 54.1 | 54.0 |



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : LH **Reçu** : 19 Jan 2024
N° de laboratoire : 02610007 **Diagnostiqué** : 19 Jan 2024
Numéro unique : 5711093 **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: