



LIEBHERR

RAPPORT D'ANALYSE D'HUILE



Secteur
(366415)
Identité de la machine
LIEBHERR LH30 135575-1253
Composant
Transmission Manuelle
Fluide
TDTO FLUID SAE 10W (--- GAL)

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

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 | | LH0223375 | LH0223363 | LH0223351 |
| Date d'échant. | | Client Info | | 12 Jul 2022 | 12 Jul 2022 | 13 Apr 2022 |
| Âge d la Machine | hrs | Client Info | | 0 | 0 | 2000 |
| 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) | >200 | 90 | 140 | 92 |
| Chrome | ppm | ASTM D5185(m) | >5 | <1 | 1 | <1 |
| Nickel | ppm | ASTM D5185(m) | >5 | 0 | <1 | <1 |
| Titane | ppm | ASTM D5185(m) | | <1 | <1 | 0 |
| Argent | ppm | ASTM D5185(m) | >7 | 0 | <1 | <1 |
| Aluminium | ppm | ASTM D5185(m) | >25 | 6 | 8 | 6 |
| Plomb | ppm | ASTM D5185(m) | >45 | 4 | 5 | 3 |
| Cuivre | ppm | ASTM D5185(m) | >225 | 73 | 132 | 68 |
| Étain | ppm | ASTM D5185(m) | >10 | 4 | 4 | 2 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | <1 | <1 |
| Métal blanc | scalar | Visual* | NONE | NONE | NONE | NONE |
| Bronze | scalar | Visual* | NONE | VLITE | NONE | NONE |

CONTAMINATION

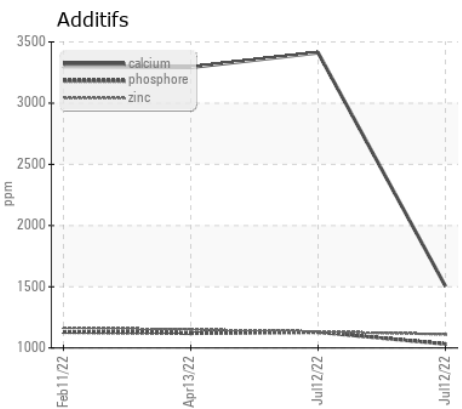
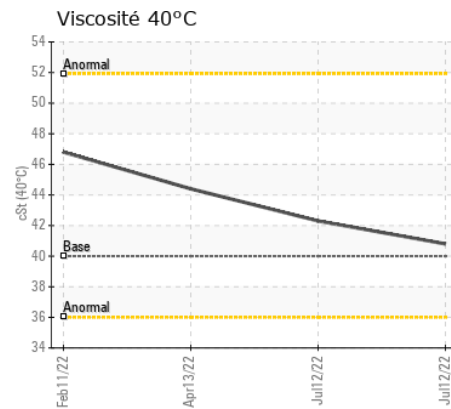
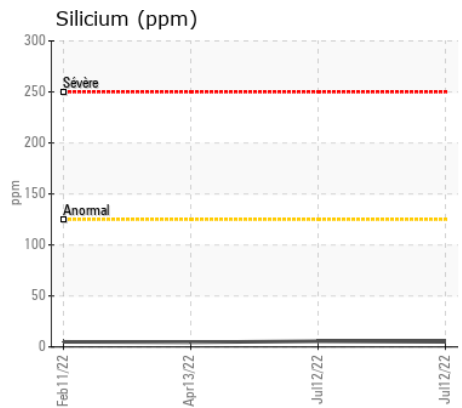
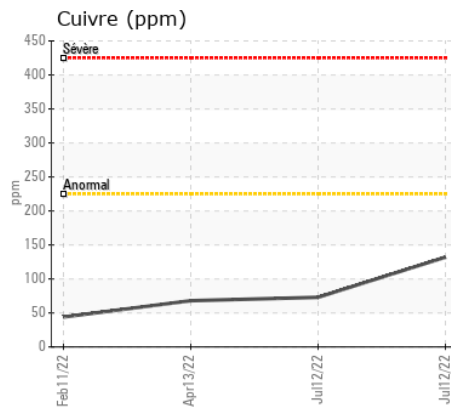
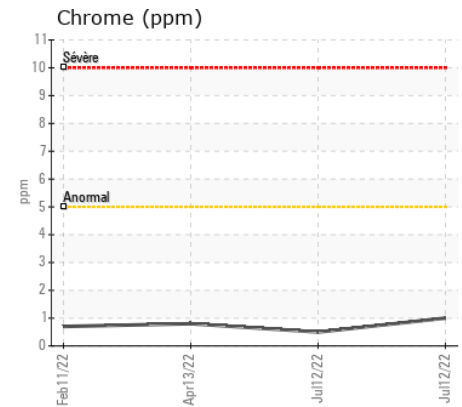
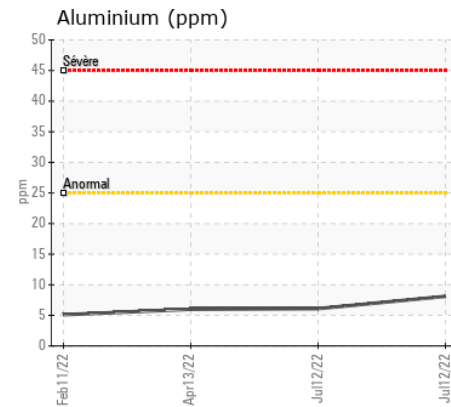
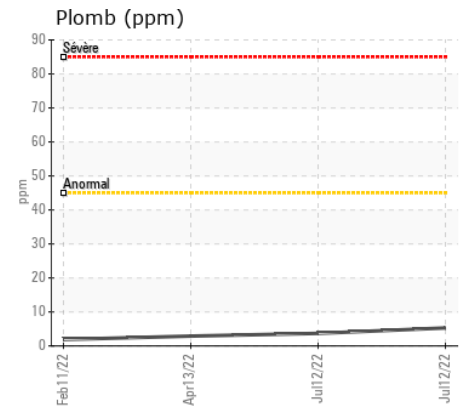
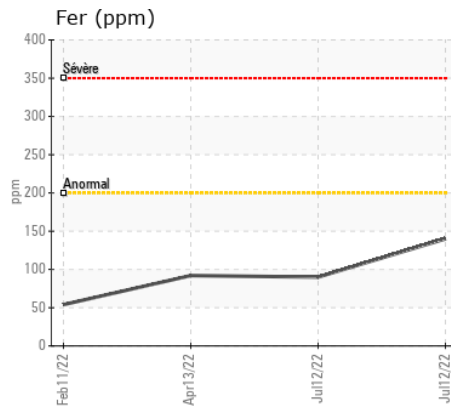
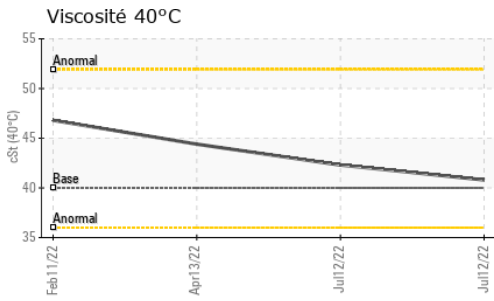
Il n'y a aucun indice de contamination dans le fluide.

| | | | | | | |
|----------------|--------|---------------|-------|--------------|-------|-------|
| Silicium | ppm | ASTM D5185(m) | >125 | 6 | 5 | 5 |
| Potassium | ppm | ASTM D5185(m) | >20 | 2 | 5 | 4 |
| Limon | scalar | Visual* | NONE | NONE | VLITE | NONE |
| Débris | scalar | Visual* | NONE | NONE | NONE | NONE |
| Saleté | scalar | Visual* | NONE | LIGHT | VLITE | VLITE |
| 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) | | 11 | 40 | 35 |
| Bore | ppm | ASTM D5185(m) | 37 | 3 | 7 | 5 |
| Baryum | ppm | ASTM D5185(m) | 7 | 1 | 4 | 2 |
| Molybdène | ppm | ASTM D5185(m) | 5 | 33 | 0 | 0 |
| Manganèse | ppm | ASTM D5185(m) | | 10 | 38 | 37 |
| Magnésium | ppm | ASTM D5185(m) | 40 | 600 | 7 | 8 |
| Calcium | ppm | ASTM D5185(m) | 2650 | 1505 | 3412 | 3292 |
| Phosphore | ppm | ASTM D5185(m) | 1050 | 1032 | 1129 | 1120 |
| Zinc | ppm | ASTM D5185(m) | 1075 | 1111 | 1134 | 1150 |
| Soufre | ppm | ASTM D5185(m) | 5750 | 3992 | 8748 | 8310 |
| Visc 40°C | cSt | ASTM D7279(m) | 40 | 40.8 | 42.3 | 44.4 |



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : LH0223375 **Reçu** : 13 Jul 2022
N° de laboratoire : 02499465 **Diagnostiqué** : 13 Jul 2022
Numéro unique : 5424425 **Diagnostiqueur** : Kevin Marson
Analyse : MOBCE (Additional Tests: Visual)

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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