



# LIEBHERR

## RAPPORT D'ANALYSE D'HUILE

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

Identité de la machine

**NO UNIT 02589005**

Composant

**Moyeu de roue Arrière gauche**

Fluide

**GEAR OIL SAE 80W90 (--- GAL)**

### RECOMMANDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indiqués que ce fluide est du (GENERIC) GEAR OIL SAE 80W90. Veuillez confirmer. Veuillez préciser la marque et le modèle du composant lors du prochain échantillon.

### USURE

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

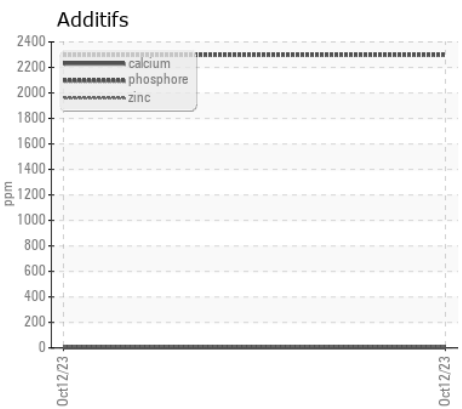
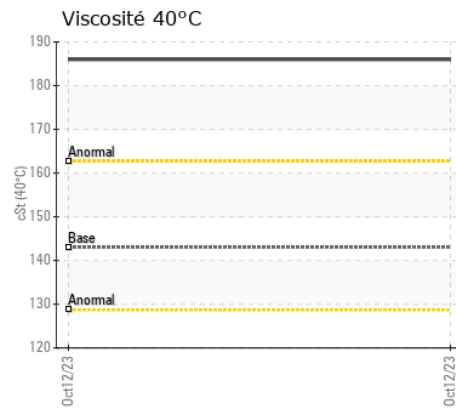
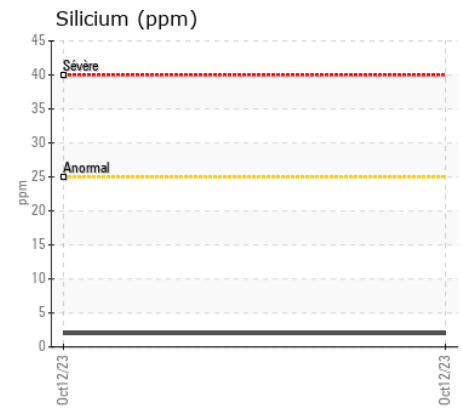
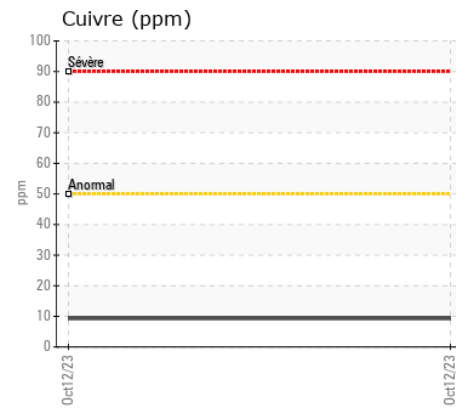
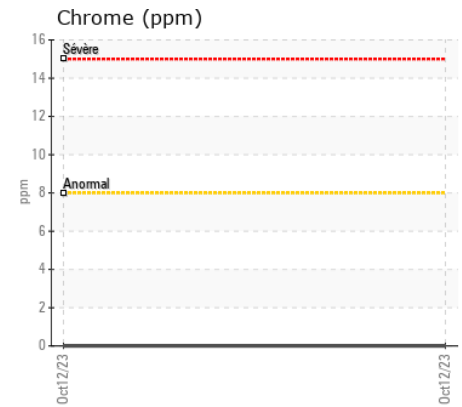
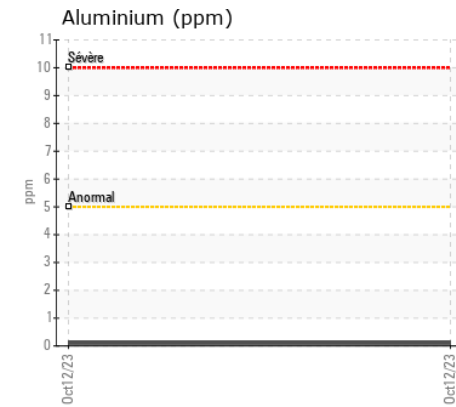
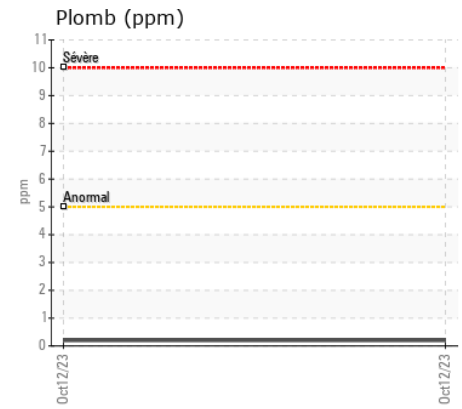
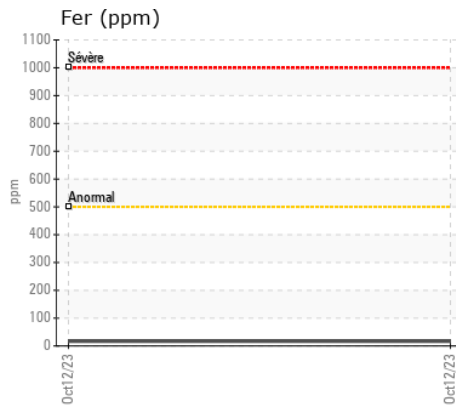
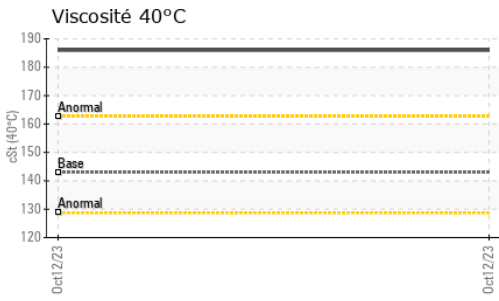
### CONTAMINATION

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

### ÉTAT DU FLUIDE

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

| Test                | UOM    | Method        | Limit/Abn | Current            | History1 | History2 |
|---------------------|--------|---------------|-----------|--------------------|----------|----------|
| Numéro d'échant.    |        | Client Info   |           | <b>LH</b>          | ---      | ---      |
| Date d'échant.      |        | Client Info   |           | <b>12 Oct 2023</b> | ---      | ---      |
| Âge d la Machine    | hrs    | Client Info   |           | <b>0</b>           | ---      | ---      |
| Âge de l'huile      | hrs    | Client Info   |           | <b>0</b>           | ---      | ---      |
| Âge du filtre       | hrs    | Client Info   |           | <b>0</b>           | ---      | ---      |
| Huile changée       |        | Client Info   |           | <b>N/A</b>         | ---      | ---      |
| Filtre changé       |        | Client Info   |           | <b>N/A</b>         | ---      | ---      |
| Statut de l'échant. |        |               |           | <b>NORMAL</b>      | ---      | ---      |
| <hr/>               |        |               |           |                    |          |          |
| Fer                 | ppm    | ASTM D5185(m) | >500      | <b>17</b>          | ---      | ---      |
| Chrome              | ppm    | ASTM D5185(m) | >8        | <b>0</b>           | ---      | ---      |
| Nickel              | ppm    | ASTM D5185(m) | >5        | <b>&lt;1</b>       | ---      | ---      |
| Titane              | ppm    | ASTM D5185(m) |           | <b>0</b>           | ---      | ---      |
| Argent              | ppm    | ASTM D5185(m) |           | <b>&lt;1</b>       | ---      | ---      |
| Aluminium           | ppm    | ASTM D5185(m) | >5        | <b>&lt;1</b>       | ---      | ---      |
| Plomb               | ppm    | ASTM D5185(m) | >5        | <b>&lt;1</b>       | ---      | ---      |
| Cuivre              | ppm    | ASTM D5185(m) | >50       | <b>9</b>           | ---      | ---      |
| Étain               | ppm    | ASTM D5185(m) |           | <b>&lt;1</b>       | ---      | ---      |
| Vanadium            | ppm    | ASTM D5185(m) |           | <b>0</b>           | ---      | ---      |
| Métal blanc         | scalar | Visual*       | NONE      | <b>VLITE</b>       | ---      | ---      |
| Bronze              | scalar | Visual*       | NONE      | <b>NONE</b>        | ---      | ---      |
| <hr/>               |        |               |           |                    |          |          |
| Silicium            | ppm    | ASTM D5185(m) | >25       | <b>2</b>           | ---      | ---      |
| Potassium           | ppm    | ASTM D5185(m) | >20       | <b>1</b>           | ---      | ---      |
| Limon               | scalar | Visual*       | NONE      | <b>NONE</b>        | ---      | ---      |
| Débris              | scalar | Visual*       | NONE      | <b>NONE</b>        | ---      | ---      |
| Saleté              | scalar | Visual*       | NONE      | <b>NONE</b>        | ---      | ---      |
| Apparence           | scalar | Visual*       | NORML     | <b>NORML</b>       | ---      | ---      |
| Odeur               | scalar | Visual*       | NORML     | <b>NORML</b>       | ---      | ---      |
| Eau émulsifiée      | scalar | Visual*       | >0.2      | <b>NEG</b>         | ---      | ---      |
| <hr/>               |        |               |           |                    |          |          |
| Sodium              | ppm    | ASTM D5185(m) | >170      | <b>2</b>           | ---      | ---      |
| Bore                | ppm    | ASTM D5185(m) | 400       | <b>1</b>           | ---      | ---      |
| Baryum              | ppm    | ASTM D5185(m) | 200       | <b>&lt;1</b>       | ---      | ---      |
| Molybdène           | ppm    | ASTM D5185(m) | 12        | <b>0</b>           | ---      | ---      |
| Manganèse           | ppm    | ASTM D5185(m) |           | <b>&lt;1</b>       | ---      | ---      |
| Magnésium           | ppm    | ASTM D5185(m) | 12        | <b>0</b>           | ---      | ---      |
| Calcium             | ppm    | ASTM D5185(m) | 150       | <b>2</b>           | ---      | ---      |
| Phosphore           | ppm    | ASTM D5185(m) | 1650      | <b>2298</b>        | ---      | ---      |
| Zinc                | ppm    | ASTM D5185(m) | 125       | <b>14</b>          | ---      | ---      |
| Soufre              | ppm    | ASTM D5185(m) | 22500     | <b>26838</b>       | ---      | ---      |
| Visc 40°C           | cSt    | ASTM D7279(m) | 143       | <b>186</b>         | ---      | ---      |



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : LH **Reçu** : 13 Oct 2023  
**N° de laboratoire** : 02589005 **Diagnostiqué** : 13 Oct 2023  
**Numéro unique** : 5658071 **Diagnostiqueur** : Wes Davis  
**Analyse** : MOB 1

**LIEBHERR QUEBEC**  
 6990 BOULEVARD SAINTE ANNE  
 L'ANGE GARDIEN, QC  
 CA G0A 2K0  
 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.

T:  
F: