



# LIEBHERR

## RAPPORT D'ANALYSE D'HUILE

USURE **NORMAL**

CONTAMINATION **NORMAL**

ÉTAT DU FLUIDE **NORMAL**



Identité de la machine

**LIEBHERR L526 071757-1753**

Composant

**Moyeu de roue Arrière droit**

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 indiqu que ce fluide est du (GENERIC) GEAR OIL SAE 80W90. Veuillez confirmer.

| Test                | UOM | Method      | Limit/Abn | Current            | History1 | History2 |
|---------------------|-----|-------------|-----------|--------------------|----------|----------|
| Numéro d'échant.    |     | Client Info |           | <b>LH</b>          | ---      | ---      |
| Date d'échant.      |     | Client Info |           | <b>16 Nov 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>      | ---      | ---      |

### USURE

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

|             |        |               |      |              |     |     |
|-------------|--------|---------------|------|--------------|-----|-----|
| Fer         | ppm    | ASTM D5185(m) | >500 | <b>109</b>   | --- | --- |
| Chrome      | ppm    | ASTM D5185(m) | >8   | <b>2</b>     | --- | --- |
| Nickel      | ppm    | ASTM D5185(m) | >5   | <b>0</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>0</b>     | --- | --- |
| Cuivre      | ppm    | ASTM D5185(m) | >50  | <b>&lt;1</b> | --- | --- |
| Étain       | ppm    | ASTM D5185(m) |      | <b>0</b>     | --- | --- |
| Vanadium    | ppm    | ASTM D5185(m) |      | <b>0</b>     | --- | --- |
| Métal blanc | scalar | Visual*       | NONE | <b>NONE</b>  | --- | --- |
| Bronze      | scalar | Visual*       | NONE | <b>NONE</b>  | --- | --- |

### CONTAMINATION

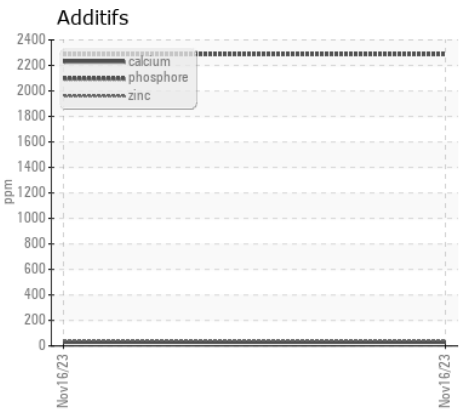
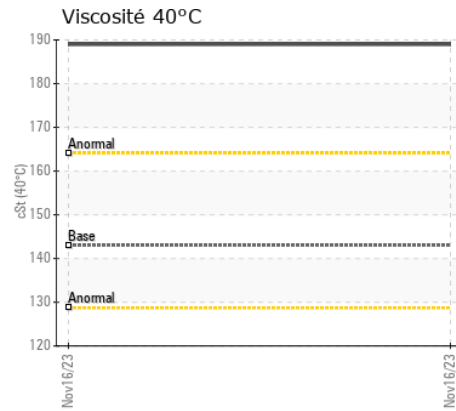
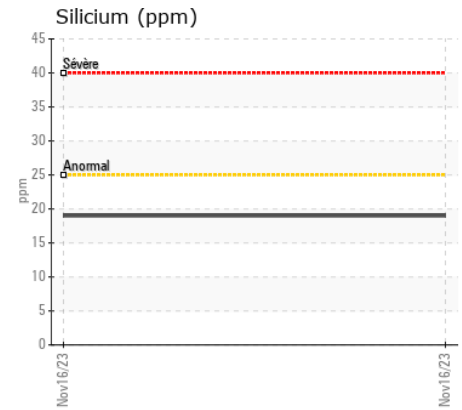
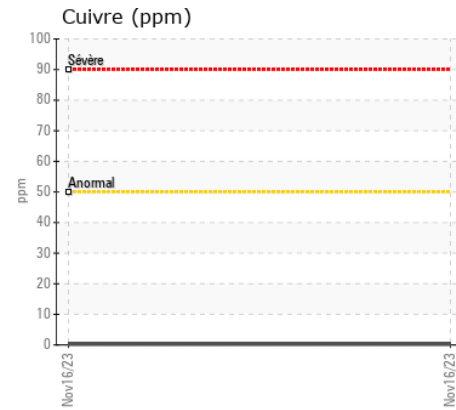
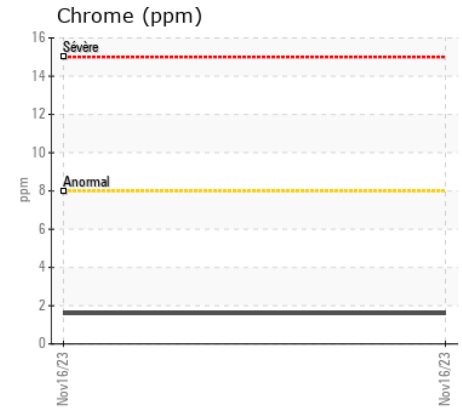
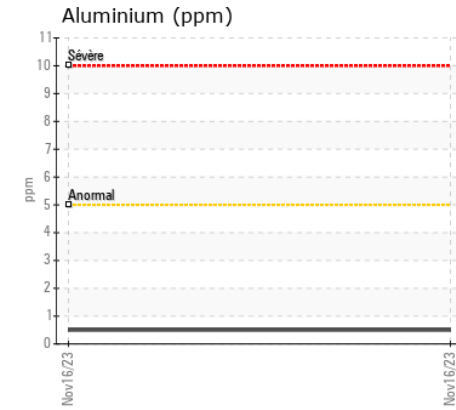
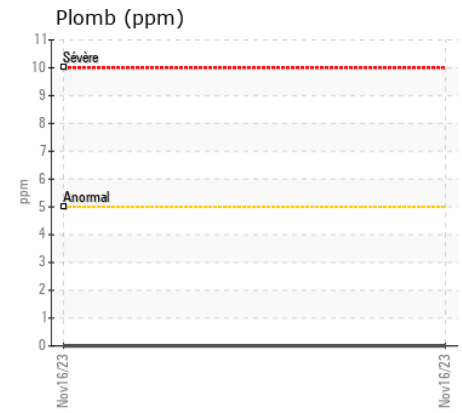
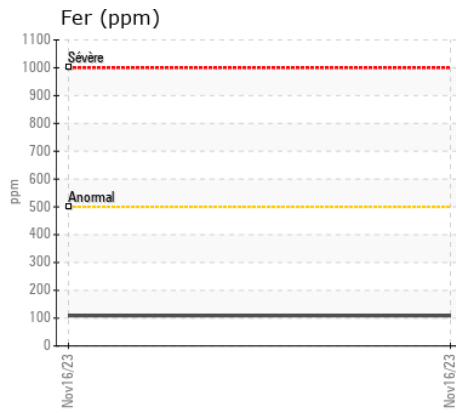
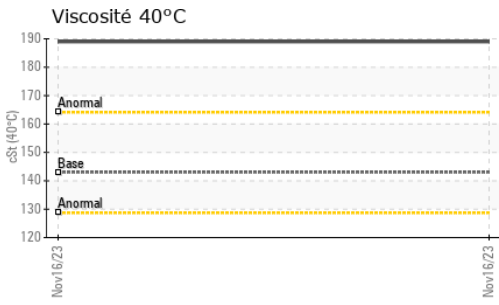
Il n'y a aucun indice de contamination dans l'huile.

|                |        |               |       |              |     |     |
|----------------|--------|---------------|-------|--------------|-----|-----|
| Silicium       | ppm    | ASTM D5185(m) | >25   | <b>19</b>    | --- | --- |
| Potassium      | ppm    | ASTM D5185(m) | >20   | <b>3</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>   | --- | --- |

### ÉTAT DU FLUIDE

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

|           |     |               |       |              |     |     |
|-----------|-----|---------------|-------|--------------|-----|-----|
| Sodium    | ppm | ASTM D5185(m) | >170  | <b>3</b>     | --- | --- |
| Bore      | ppm | ASTM D5185(m) | 400   | <b>2</b>     | --- | --- |
| Baryum    | ppm | ASTM D5185(m) | 200   | <b>2</b>     | --- | --- |
| Molybdène | ppm | ASTM D5185(m) | 12    | <b>0</b>     | --- | --- |
| Manganèse | ppm | ASTM D5185(m) |       | <b>2</b>     | --- | --- |
| Magnésium | ppm | ASTM D5185(m) | 12    | <b>2</b>     | --- | --- |
| Calcium   | ppm | ASTM D5185(m) | 150   | <b>29</b>    | --- | --- |
| Phosphore | ppm | ASTM D5185(m) | 1650  | <b>2287</b>  | --- | --- |
| Zinc      | ppm | ASTM D5185(m) | 125   | <b>44</b>    | --- | --- |
| Soufre    | ppm | ASTM D5185(m) | 22500 | <b>26340</b> | --- | --- |
| Visc 40°C | cSt | ASTM D7279(m) | 143   | <b>189</b>   | --- | --- |



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **TRANSPORT FRANCIS BLANCHARD**  
**N° d'échantillon** : LH **Reçu** : 17 Nov 2023 **900 RANG WATKINS**  
**N° de laboratoire** : 02597166 **Diagnostiqué** : 17 Nov 2023 **DRUMMINVILLE, QC**  
**Numéro unique** : 5682246 **Diagnostiqueur** : Wes Davis **CA J2B 6V2**  
**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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