



# LIEBHERR

## RAPPORT D'ANALYSE D'HUILE

USURE **NORMAL**

CONTAMINATION **NORMAL**

ÉTAT DU FLUIDE **NORMAL**



Identité de la machine

**LIEBHERR LH22M 083532-1209**

Composant

**Moyeu de roue Gauche**

Fluide

**LIEBHERR GEAR BASIC 90 LS (8 LTR)**

### 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		<b>LH</b>	LH0251205	---
Date d'échant.		Client Info		<b>13 Nov 2023</b>	22 Feb 2023	---
Âge d la Machine	hrs	Client Info		<b>7950</b>	6940	---
Âge de l'huile	hrs	Client Info		<b>0</b>	0	---
Âge du filtre	hrs	Client Info		<b>0</b>	0	---
Huile changée		Client Info		<b>Changed</b>	Changed	---
Filtre changé		Client Info		<b>N/A</b>	N/A	---
Statut de l'échant.				<b>NORMAL</b>	NORMAL	---

### USURE

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

Fer	ppm	ASTM D5185(m)	>450	<b>76</b>	60	---
Chrome	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	<1	---
Titane	ppm	ASTM D5185(m)		<b>0</b>	0	---
Argent	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	---
Aluminium	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	<1	---
Plomb	ppm	ASTM D5185(m)	>4	<b>&lt;1</b>	0	---
Cuivre	ppm	ASTM D5185(m)	>75	<b>&lt;1</b>	0	---
Étain	ppm	ASTM D5185(m)		<b>0</b>	0	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Métal blanc	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Bronze	scalar	Visual*	NONE	<b>NONE</b>	NONE	---

### CONTAMINATION

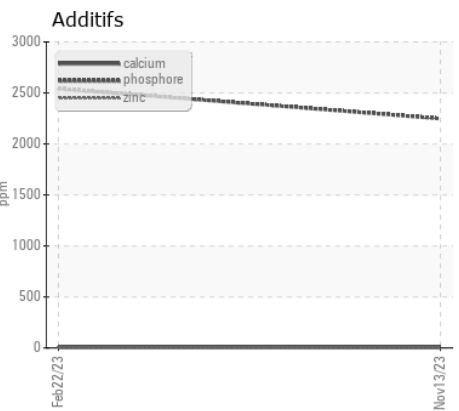
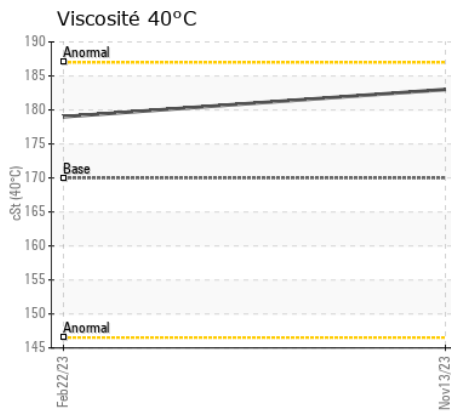
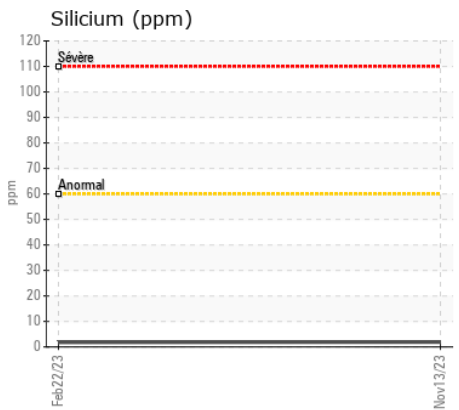
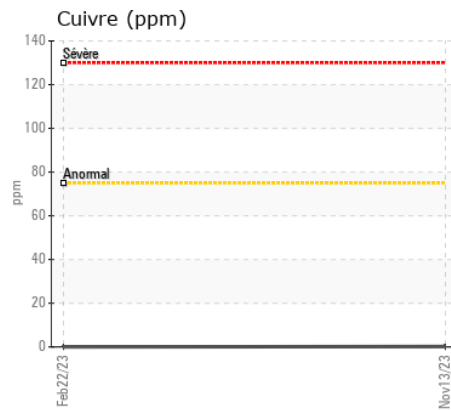
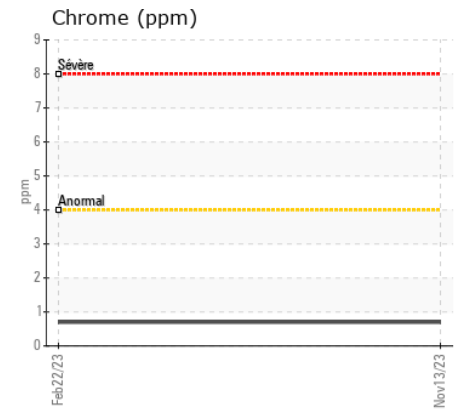
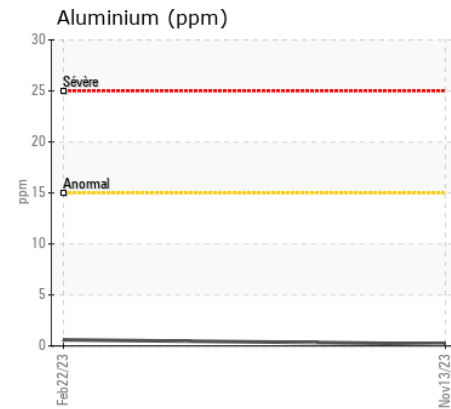
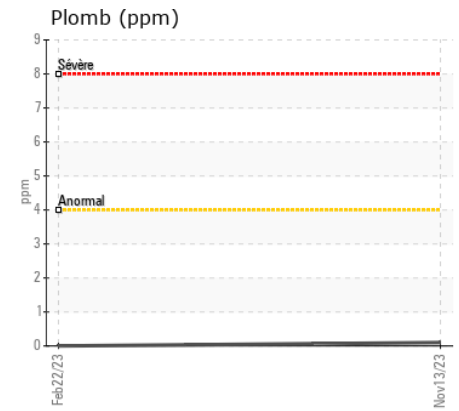
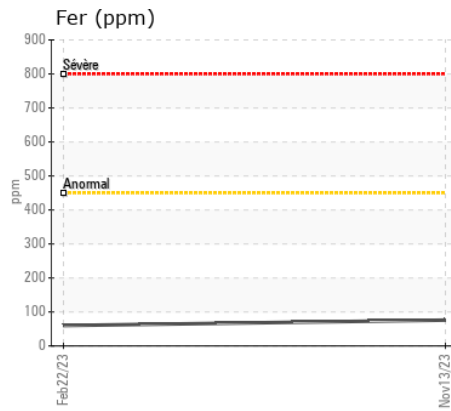
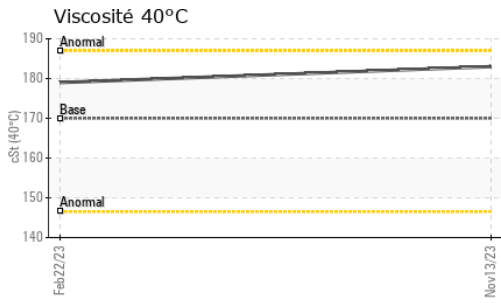
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>60	<b>2</b>	2	---
Potassium	ppm	ASTM D5185(m)	>20	<b>0</b>	<1	---
L'eau		WC Method	>0.2	<b>NEG</b>	NEG	---
Limon	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Débris	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Saleté	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Apparence	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Odeur	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Eau émulsifiée	scalar	Visual*	>0.2	<b>NEG</b>	NEG	---

### ÉTAT DU FLUIDE

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

Sodium	ppm	ASTM D5185(m)		<b>2</b>	5	---
Bore	ppm	ASTM D5185(m)	0	<b>15</b>	6	---
Baryum	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	0	---
Molybdène	ppm	ASTM D5185(m)	0	<b>0</b>	0	---
Manganèse	ppm	ASTM D5185(m)	0	<b>0</b>	<1	---
Magnésium	ppm	ASTM D5185(m)	<1	<b>&lt;1</b>	<1	---
Calcium	ppm	ASTM D5185(m)	<1	<b>7</b>	8	---
Phosphore	ppm	ASTM D5185(m)	2143	<b>2248</b>	2542	---
Zinc	ppm	ASTM D5185(m)	<1	<b>5</b>	5	---
Soufre	ppm	ASTM D5185(m)	23468	<b>26215</b>	28963	---
Visc 40°C	cSt	ASTM D7279(m)	170	<b>183</b>	179	---



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : LH **Reçu** : 07 Dec 2023  
**N° de laboratoire** : 02601625 **Diagnostiqué** : 07 Dec 2023  
**Numéro unique** : 5694710 **Diagnostiqueur** : Wes Davis  
**Analyse** : MOB 1

**SERVICES MATREC INC.**  
 32525 BOUL. LAURIER EST  
 SAINT-HYACINTHE, QC  
 CA J2R 2B2  
 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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F: