



# LIEBHERR

## RAPPORT D'ANALYSE D'HUILE

USURE	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
ÉTAT DU FLUIDE	<b>NORMAL</b>



Identité de la machine  
**LIEBHERR R945 R945**  
 Composant  
**Transmission finale 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 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>26 Sep 2023</b>	---	---
Âge d la Machine	hrs	Client Info		<b>3000</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>250</b>	---	---
Chrome	ppm	ASTM D5185(m)	>10	<b>2</b>	---	---
Nickel	ppm	ASTM D5185(m)		<b>1</b>	---	---
Titane	ppm	ASTM D5185(m)		<b>1</b>	---	---
Argent	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---
Aluminium	ppm	ASTM D5185(m)	>25	<b>31</b>	---	---
Plomb	ppm	ASTM D5185(m)	>25	<b>&lt;1</b>	---	---
Cuivre	ppm	ASTM D5185(m)	>50	<b>&lt;1</b>	---	---
Étain	ppm	ASTM D5185(m)	>10	<b>&lt;1</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

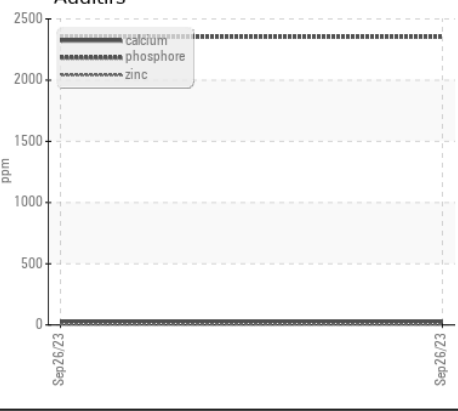
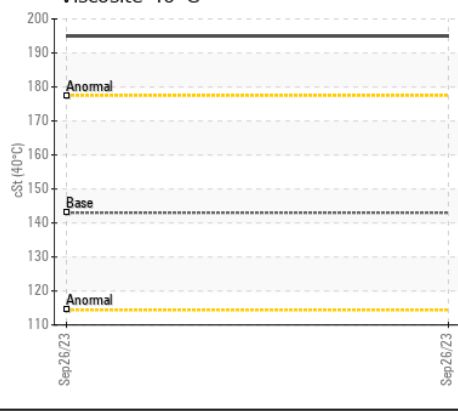
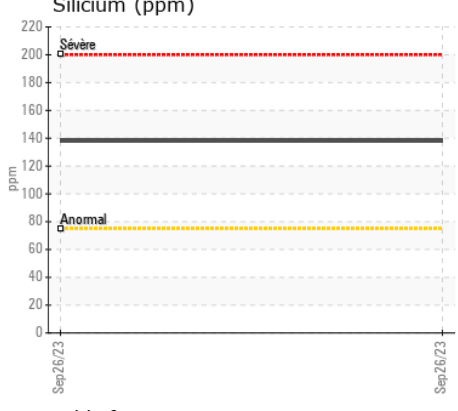
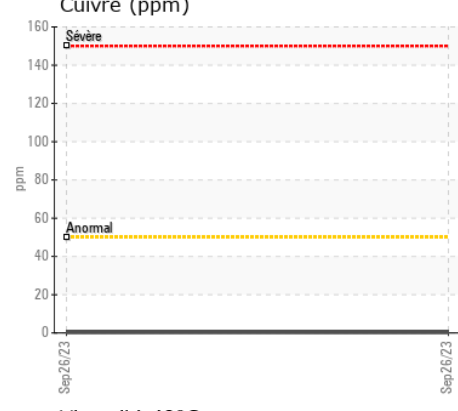
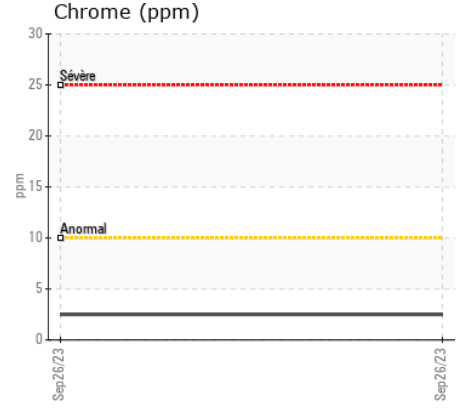
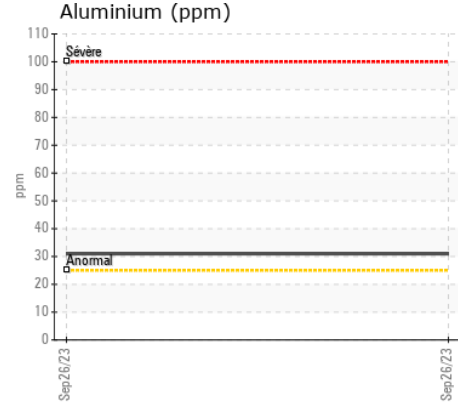
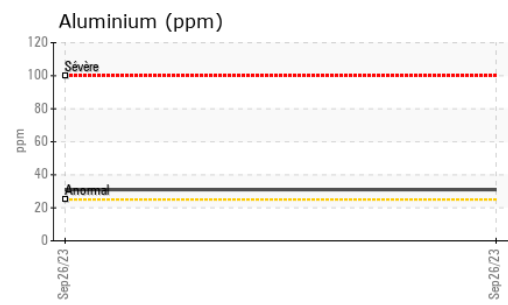
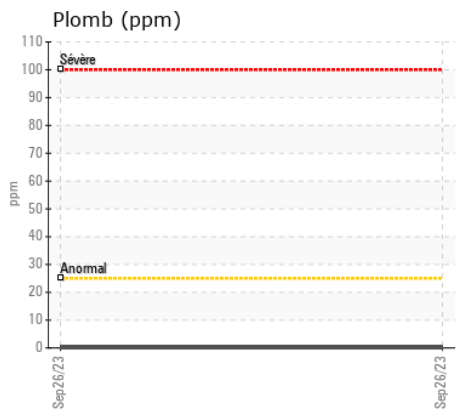
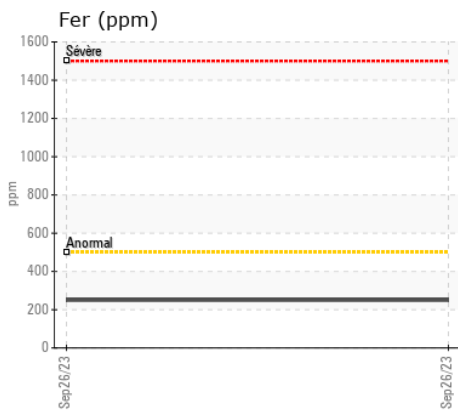
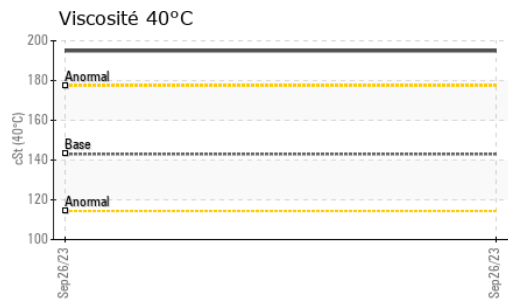
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>75	<b>138</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>11</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>9</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>2</b>	---	---
Magnésium	ppm	ASTM D5185(m)	12	<b>7</b>	---	---
Calcium	ppm	ASTM D5185(m)	150	<b>30</b>	---	---
Phosphore	ppm	ASTM D5185(m)	1650	<b>2353</b>	---	---
Zinc	ppm	ASTM D5185(m)	125	<b>6</b>	---	---
Soufre	ppm	ASTM D5185(m)	22500	<b>27041</b>	---	---
Visc 40°C	cSt	ASTM D7279(m)	143	<b>195</b>	---	---



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : LH **Reçu** : 27 Sep 2023  
**N° de laboratoire** : 02585639 **Diagnostiqué** : 28 Sep 2023  
**Numéro unique** : 5646704 **Diagnostiqueur** : Kevin Marson  
**Analyse** : MOB 1

**Location Deric**  
 5145 rue Rideau  
 Quebec, QC  
 CA G2E 5H5  
 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: