



# 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 056625-1866**

Composant  
**Boîte de séparation**  
 Fluide  
**LIEBHERR GEAR BASIC 90 LS (--- GAL)**

### RECOMMANDATION

Confirm the source of the lubricant being utilized for top-up/fill.  
 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>LH0269941</b>	---	---
Date d'échant.		Client Info		<b>18 Aug 2023</b>	---	---
Âge d la Machine	hrs	Client Info		<b>502</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>Changed</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)	>100	<b>17</b>	---	---
Chrome	ppm	ASTM D5185(m)	>5	<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>0</b>	---	---
Aluminium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	---	---
Plomb	ppm	ASTM D5185(m)	>30	<b>0</b>	---	---
Cuivre	ppm	ASTM D5185(m)	>20	<b>1</b>	---	---
Étain	ppm	ASTM D5185(m)	>10	<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

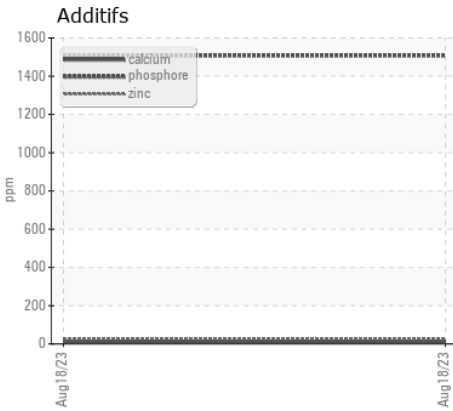
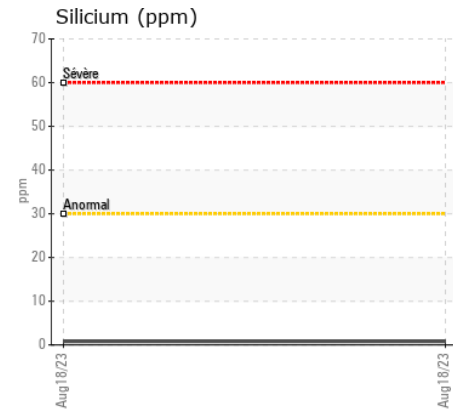
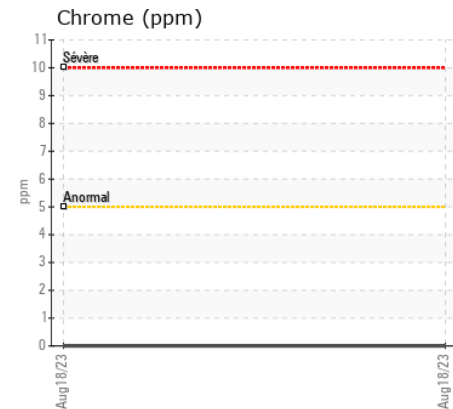
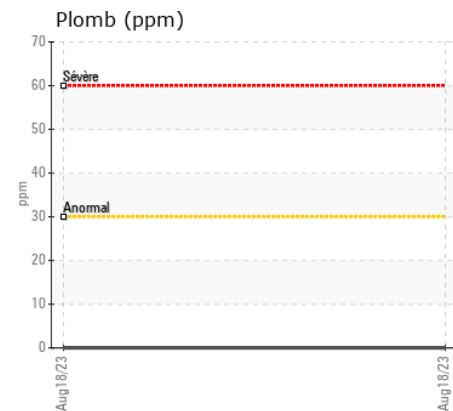
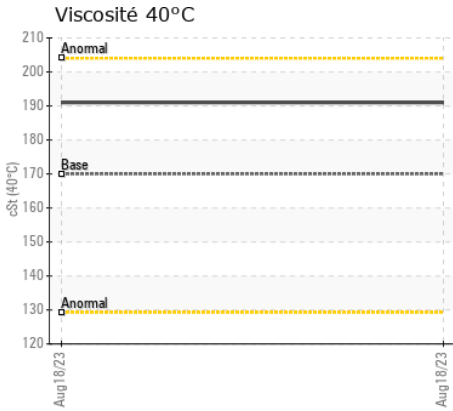
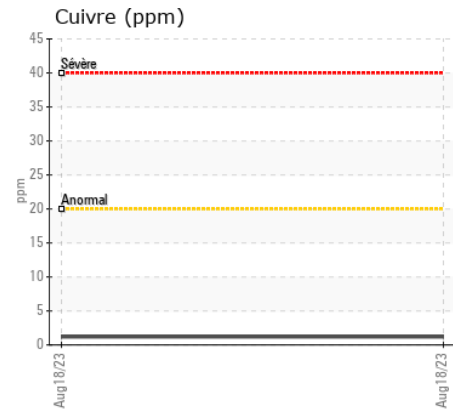
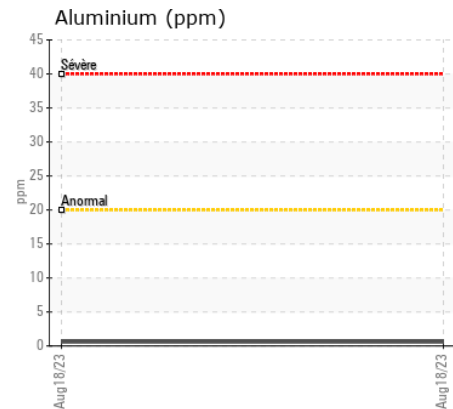
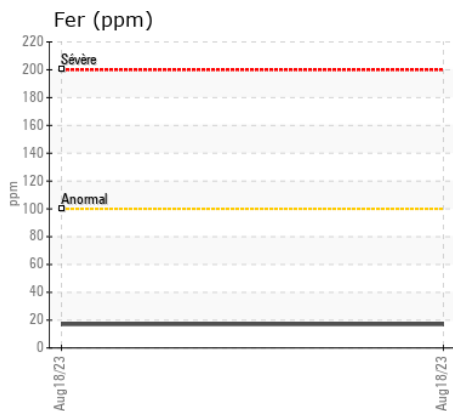
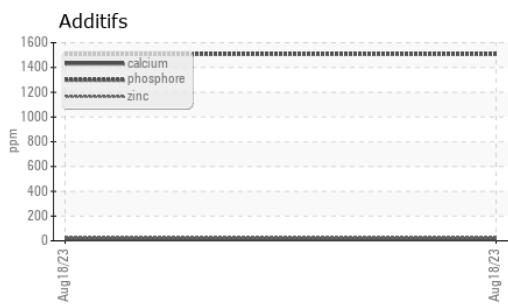
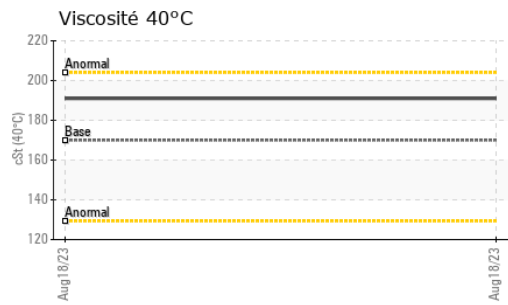
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>30	<b>&lt;1</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	---	---
Limon	scalar	Visual*	NONE	<b>VLITE</b>	---	---
Débris	scalar	Visual*	NONE	<b>VLITE</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*	>0.1	<b>NEG</b>	---	---

### ÉTAT DU FLUIDE

Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)	>25	<b>2</b>	---	---
Bore	ppm	ASTM D5185(m)	0	<b>1</b>	---	---
Baryum	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	---	---
Molybdène	ppm	ASTM D5185(m)	0	<b>0</b>	---	---
Manganèse	ppm	ASTM D5185(m)	0	<b>1</b>	---	---
Magnésium	ppm	ASTM D5185(m)	<1	<b>2</b>	---	---
Calcium	ppm	ASTM D5185(m)	<1	<b>12</b>	---	---
Phosphore	ppm	ASTM D5185(m)	2143	<b>1508</b>	---	---
Zinc	ppm	ASTM D5185(m)	<1	<b>25</b>	---	---
Soufre	ppm	ASTM D5185(m)	23468	<b>23357</b>	---	---
Visc 40°C	cSt	ASTM D7279(m)	170	<b>191</b>	---	---



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : LH0269941  
**N° de laboratoire** : 02577582  
**Numéro unique** : 5630642  
**Analyse** : MOB 1

**Reçu** : 22 Aug 2023  
**Diagnostiqué** : 22 Aug 2023  
**Diagnostiqueur** : Wes Davis

**SINTRA INC. DIVISION OUEST**  
 499 CHEMIN FORET  
 ST-PAUL, QC  
 CA J0K 3E0  
 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: