



# LIEBHERR

## RAPPORT D'ANALYSE D'HUILE

USURE

**NORMAL**

CONTAMINATION

**NORMAL**

ÉTAT DU FLUIDE

**NORMAL**



Identité de la machine

**LIEBHERR LH50M 152153-1216**

Composant

**Boîte de séparation**

Fluid

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

### 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>LH0285351</b>	LH0285339	---
Date d'échant.		Client Info		<b>11 Jun 2024</b>	29 Mar 2024	---
Âge d la Machine	hrs	Client Info		<b>2000</b>	1051	---
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>N/A</b>	N/A	---
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)	>100	<b>7</b>	10	---
Chrome	ppm	ASTM D5185(m)	>5	<b>0</b>	0	---
Nickel	ppm	ASTM D5185(m)	>5	<b>0</b>	0	---
Titane	ppm	ASTM D5185(m)		<b>0</b>	0	---
Argent	ppm	ASTM D5185(m)		<b>0</b>	0	---
Aluminium	ppm	ASTM D5185(m)	>20	<b>0</b>	<1	---
Plomb	ppm	ASTM D5185(m)	>30	<b>0</b>	0	---
Cuivre	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	<1	---
Étain	ppm	ASTM D5185(m)	>10	<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

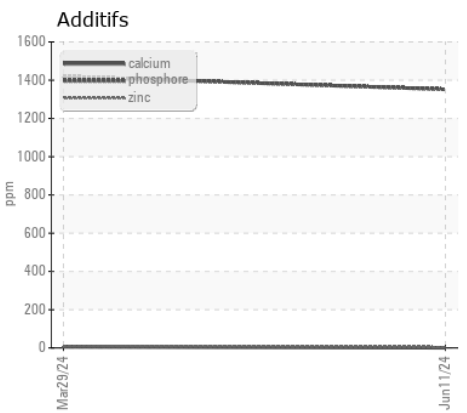
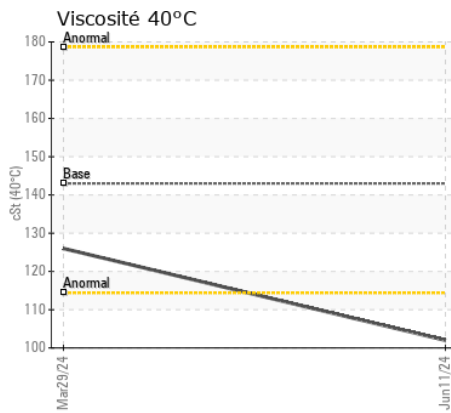
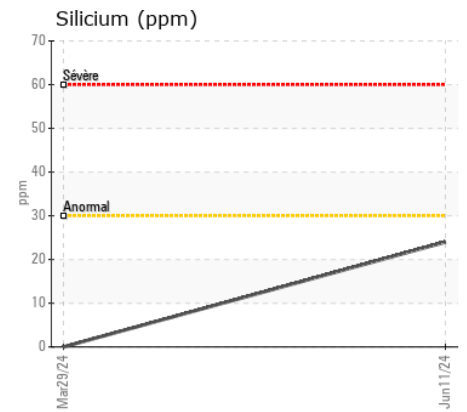
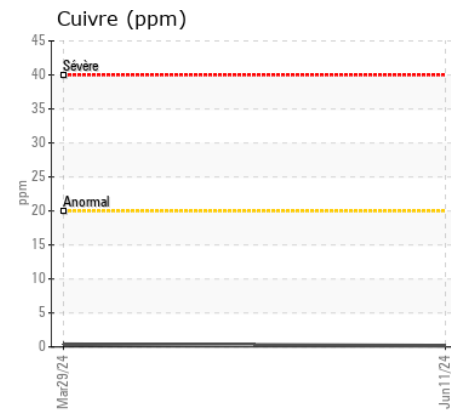
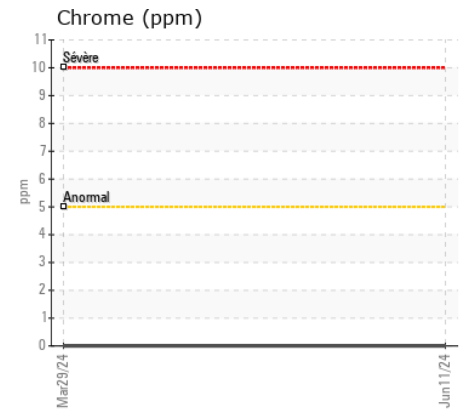
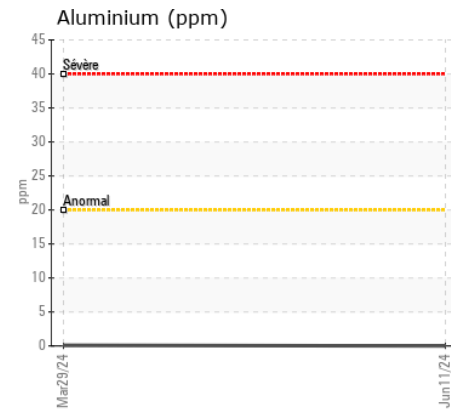
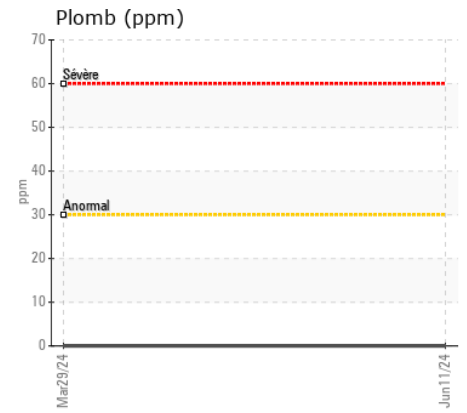
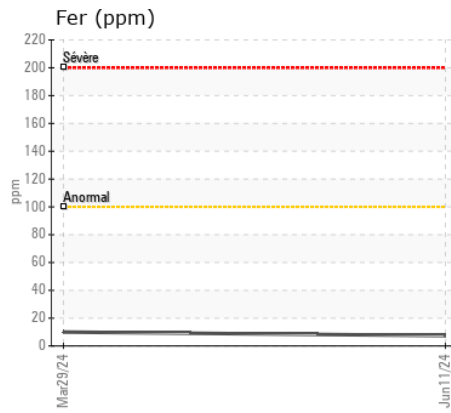
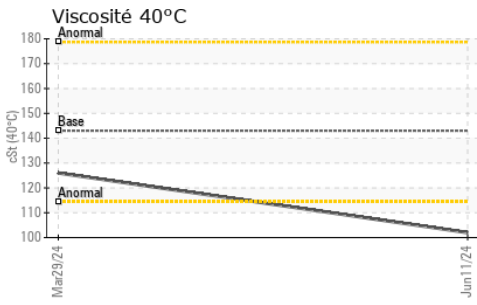
Il n'y a aucun indice de contamination dans l'huile.

Silicium	ppm	ASTM D5185(m)	>30	<b>24</b>	0	---
Potassium	ppm	ASTM D5185(m)	>20	<b>0</b>	<1	---
L'eau		WC Method	>0.1	<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>VLITE</b>	VLITE	---
Apparence	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Odeur	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Eau émulsifiée	scalar	Visual*	>0.1	<b>NEG</b>	NEG	---

### ÉTAT DU FLUIDE

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

Sodium	ppm	ASTM D5185(m)	>170	<b>&lt;1</b>	1	---
Bore	ppm	ASTM D5185(m)	400	<b>278</b>	175	---
Baryum	ppm	ASTM D5185(m)	200	<b>0</b>	0	---
Molybdène	ppm	ASTM D5185(m)	12	<b>0</b>	0	---
Manganèse	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Magnésium	ppm	ASTM D5185(m)	12	<b>&lt;1</b>	1	---
Calcium	ppm	ASTM D5185(m)	150	<b>&lt;1</b>	8	---
Phosphore	ppm	ASTM D5185(m)	1650	<b>1352</b>	1419	---
Zinc	ppm	ASTM D5185(m)	125	<b>4</b>	9	---
Soufre	ppm	ASTM D5185(m)	22500	<b>21395</b>	22553	---
Visc 40°C	cSt	ASTM D7279(m)	143	<b>102</b>	126	---



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

**N° d'échantillon** : LH0285351

**N° de laboratoire** : 02641489

**Numéro unique** : 5799028

**Analyse** : MOBCE

**Reçu** : 12 Jun 2024

**Tested** : 12 Jun 2024

**Diagnostiqué** : 12 Jun 2024 - Wes Davis

**CHANTIER CHIBOUGAMAU**

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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.