

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R945 058083-1866 - Diesel Engine

Sample No: LH0278788

Oil Type: {unknown}



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0278788	---	---	---
Date d'échant.	29 Jan 2024	---	---	---
Heures de la Machine	444	---	---	---
Heures de l'huile	0	---	---	---
Huile changée	Changed	---	---	---
Statut de l'échant.	NORMAL	---	---	---

**GERDAU AMERISTEEL**  
 2025 RIVER RD.  
 LONDON, ON  
 CA N5W 6C4  
 Contact: Scott MacDonald



#### ÉTAT D'HUILE

Visc 100°C	cSt	● 12.4	---	---	---
Oxydation (PA)	%	181	---	---	---

T: (519)455-4639  
 F: (519)451-3623



#### CONTAMINATION

Eau	%	NEG	---	---	---
% de suie	%	● 0	---	---	---
Nitration (PA)	%	79	---	---	---
Sulfatation (PA)	%	115	---	---	---
Glycol	%	NEG	---	---	---
Essence	%	<1.0	---	---	---
Silicium	ppm	● 9	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 2	---	---	---

#### Diagnostic

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



#### MÉTAUX D'USURE

Fer	ppm	● 13	---	---	---
Cuivre	ppm	● 155	---	---	---
Plomb	ppm	● 5	---	---	---
Étain	ppm	● <1	---	---	---
Aluminium	ppm	● 2	---	---	---
Chrome	ppm	● <1	---	---	---
Molybdène	ppm	● 32	---	---	---
Nickel	ppm	● <1	---	---	---
Titane	ppm	0	---	---	---
Argent	ppm	● 0	---	---	---
Manganèse	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIFS

Calcium	ppm	● 926	---	---	---
Magnésium	ppm	● 636	---	---	---
Zinc	ppm	● 598	---	---	---
Phosphore	ppm	● 830	---	---	---
Baryum	ppm	● 18	---	---	---
Bore	ppm	● 140	---	---	---

**Depot:** GER202LON  
**Unique No:** 5721233  
**Signed:** Bill Quesnel  
**Report Date:** 31 Jan 2024



### GRAPHS

