

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 146105-1216 - Front Differential

Sample No: LH0284911

Oil Type: GEAR OIL SAE 80W90



**JOSEPH & COMPANY INC**  
257 VICTORIA ST N  
KITCHENER, ON  
CA N2H 5C9  
Contact: Service Manager



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0284911	---	---	---
Date d'échant.	08 Feb 2024	---	---	---
Heures de la Machine	1020	---	---	---
Heures de l'huile	0	---	---	---
Huile changée	Changed	---	---	---
Statut de l'échant.	NORMAL	---	---	---



#### ÉTAT D'HUILE

Visc 40°C	cSt	● 146	---	---	---
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#### CONTAMINATION

Eau	%	NEG	---	---	---
Silicium	ppm	● 2	---	---	---
Sodium	ppm	● 5	---	---	---
Potassium	ppm	● 2	---	---	---



#### MÉTAUX D'USURE

Fer	ppm	● 10	---	---	---
Cuivre	ppm	● 6	---	---	---
Plomb	ppm	● <1	---	---	---
Étain	ppm	● 0	---	---	---
Aluminium	ppm	● <1	---	---	---
Chrome	ppm	● <1	---	---	---
Molybdène	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titane	ppm	0	---	---	---
Argent	ppm	0	---	---	---
Manganèse	ppm	● 0	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIFS

Calcium	ppm	● 5	---	---	---
Magnésium	ppm	● <1	---	---	---
Zinc	ppm	● 8	---	---	---
Phosphore	ppm	● 1291	---	---	---
Baryum	ppm	● 74	---	---	---
Bore	ppm	● 82	---	---	---

T:  
F:

#### Diagnostic

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: JOS257KIT  
Unique No: 5723799  
Signed: Wes Davis  
Report Date: 09 Feb 2024



### GRAPHS

