

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 113527-1216 - Front Differential

Sample No: LH0290617

Oil Type: GEAR OIL SAE 80W90



**LIEBHERR CANADA LTEE**  
 444 AVENUE DE LA FRICHE  
 DOLBEAU-MISTASSINI, QC  
 CA G8L 3M7  
 Contact: Martin Gagnon  
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 T:  
 F: (418)276-9844



#### Information sur l'échantillon

Numéro d'échant.	LH0290617	LH	---	---
Date d'échant.	13 Jun 2024	13 Mar 2023	---	---
Heures de la Machine	0	0	---	---
Heures de l'huile	0	0	---	---
Huile changée	N/A	N/A	---	---
Statut de l'échant.	NORMAL	NORMAL	---	---



#### État d'huile

Visc 40°C	cSt	178	174	---	---
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#### Contamination

Eau	%	NEG	NEG	---	---
Silicium	ppm	0	<1	---	---
Sodium	ppm	2	3	---	---
Potassium	ppm	0	0	---	---



#### Métaux d'usure

Fer	ppm	2	3	---	---
Cuivre	ppm	3	4	---	---
Plomb	ppm	0	<1	---	---
Étain	ppm	0	0	---	---
Aluminium	ppm	0	<1	---	---
Chrome	ppm	0	0	---	---
Molybdène	ppm	0	0	---	---
Nickel	ppm	0	0	---	---
Titane	ppm	0	0	---	---
Argent	ppm	0	0	---	---
Manganèse	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



#### Additifs

Calcium	ppm	7	12	---	---
Magnésium	ppm	<1	<1	---	---
Zinc	ppm	4	7	---	---
Phosphore	ppm	2296	2518	---	---
Baryum	ppm	<1	0	---	---
Bore	ppm	<1	<1	---	---

#### 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: LBADOL  
 Unique No: 5799611  
 Signed: Wes Davis  
 Report Date: 14 Jun 2024



### Graphs

