

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 100219-1216 - Front Differential

Sample No: LH0269986

Oil Type: GEAR OIL SAE 80W90



**LIEBHERR CANADA LTEE**  
 444 AVENUE DE LA FRICHE  
 DOLBEAU-MISTASSINI, QC  
 CA G8L 3M7  
 Contact: Luc Trottier  
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 T:  
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#### SAMPLE INFORMATION

Sample Number	LH0269986	---	---	---
Sample Date	13 Jul 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	● 175	---	---	---
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#### CONTAMINATION

Silicon	ppm	● 9	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 0	---	---	---



#### WEAR METALS

Iron	ppm	● 11	---	---	---
Copper	ppm	● 13	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 0	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	1	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	● 4	---	---	---
Magnesium	ppm	● 1	---	---	---
Zinc	ppm	● 11	---	---	---
Phosphorus	ppm	● 2276	---	---	---
Barium	ppm	● 1	---	---	---
Boron	ppm	● 2	---	---	---

#### Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indiqua que ce fluide est du (GENERIC) GEAR OIL SAE 80W90. Veuillez confirmer. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.

Depot: LBADOL  
 Unique No: 5607275  
 Signed: Wes Davis  
 Report Date: 14 Jul 2023



### GRAPHS

