

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 145455-1253 - Rear Differential

Sample No: LH0270071

Oil Type: LIEBHERR GEAR BASIC 90 LS



METAL EXPRESS (9055-2480 QUEBEC INC)  
254 RUE RICHARD-AUDET  
ROXTON FALLS, QC  
CA J0H 1E0  
Contact: Service Manager

T: (450)522-5650  
F:



#### SAMPLE INFORMATION

Sample Number	LH0270071	---	---	---
Sample Date	10 Jul 2023	---	---	---
Machine Hours	532	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	64.8	---	---	---
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#### CONTAMINATION

Silicon	ppm	9	---	---	---
Sodium	ppm	15	---	---	---
Potassium	ppm	<1	---	---	---



#### WEAR METALS

Iron	ppm	10	---	---	---
Copper	ppm	4	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	3616	---	---	---
Magnesium	ppm	11	---	---	---
Zinc	ppm	1452	---	---	---
Phosphorus	ppm	1251	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	101	---	---	---

#### Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. La viscosité de l'échantillon se situe dans la portée de l'SAE 80; nous vous conseillons de vérifier. L'état de l'huile est acceptable pour la durée de service.

Depot: METROX  
Unique No: 5607255  
Signed: Wes Davis  
Report Date: 14 Jul 2023



### GRAPHS

