

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(366972)] LIEBHERR LH50M 134369-1216 - Rear Differential

Sample No: LH0223777

Oil Type: LIEBHERR GEAR BASIC 90 LS



9192-2443 QUEBEC INC. EQUIPEMENT REBP  
175 PORTAGE DES MOUSSES  
PORT CARTIER, QC  
CA G5B 2V9  
Contact: Service Manager



#### Information sur l'échantillon

Numéro d'échant.	LH0223777	LH	LH0119145	---
Date d'échant.	14 Jul 2024	25 Mar 2023	14 Sep 2022	---
Heures de la Machine	0	1905	861	---
Heures de l'huile	0	0	0	---
Huile changée	N/A	N/A	N/A	---
Statut de l'échant.	NORMAL	NORMAL	NORMAL	---



#### État d'huile

Visc 40°C	cSt	177	179	143	---
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#### Contamination

Eau	%	NEG	NEG	NEG	---
Silicium	ppm	7	<1	13	---
Sodium	ppm	4	2	2	---
Potassium	ppm	<1	0	<1	---



#### Métaux d'usure

Fer	ppm	28	2	15	---
Cuivre	ppm	16	<1	20	---
Plomb	ppm	0	0	<1	---
Étain	ppm	0	<1	0	---
Aluminium	ppm	1	0	<1	---
Chrome	ppm	0	0	0	---
Molybdène	ppm	0	0	6	---
Nickel	ppm	<1	<1	0	---
Titane	ppm	0	0	0	---
Argent	ppm	0	0	0	---
Manganèse	ppm	1	0	<1	---
Vanadium	ppm	0	0	0	---



#### Additifs

Calcium	ppm	25	8	111	---
Magnésium	ppm	1	0	<1	---
Zinc	ppm	23	2	56	---
Phosphore	ppm	2286	2524	1324	---
Baryum	ppm	<1	0	<1	---
Bore	ppm	2	<1	4	---

T:  
F:

#### Diagnostic

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: 919POR  
Unique No: 5813451  
Signed: Wes Davis  
Report Date: 15 Jul 2024



### Graphs

