

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60M 141098-1217 - Front Differential

Sample No: LH0284996

Oil Type: GEAR OIL SAE 80W90



**JOHN ZUBICK LTD.**  
105 CLARKE ROAD  
LONDON, ON  
CA N5W 5C9  
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#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0284996	LH0251566	LH0234949	---
Date d'échant.	22 Feb 2024	24 Feb 2023	14 Nov 2022	---
Heures de la Machine	2811	934	467	---
Heures de l'huile	0	0	0	---
Huile changée	Changed	Changed	Changed	---
Statut de l'échant.	NORMAL	NORMAL	NORMAL	---



#### ÉTAT D'HUILE

Visc 40°C	cSt	104	105	● 186	---
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#### CONTAMINATION

Eau	%	NEG	NEG	NEG	---
Silicium	ppm	● 4	● 2	● 6	---
Sodium	ppm	● <1	● <1	● 2	---
Potassium	ppm	● <1	● <1	● <1	---



#### MÉTAUX D'USURE

Fer	ppm	● 5	● 2	● 5	---
Cuivre	ppm	● 27	● 6	● 7	---
Plomb	ppm	● <1	● 0	● <1	---
Étain	ppm	● 0	● 0	● 0	---
Aluminium	ppm	● <1	● <1	● <1	---
Chrome	ppm	● 0	● 0	● 0	---
Molybdène	ppm	● 0	● 0	● 0	---
Nickel	ppm	● 0	● <1	● <1	---
Titane	ppm	0	0	0	---
Argent	ppm	0	0	0	---
Manganèse	ppm	● 0	● 0	● <1	---
Vanadium	ppm	0	0	0	---



#### ADDITIFS

Calcium	ppm	● 13	● 9	● 10	---
Magnésium	ppm	● 2	● 2	● <1	---
Zinc	ppm	● 25	● 15	● 12	---
Phosphore	ppm	● 1149	● 1210	● 1208	---
Baryum	ppm	● 9	● 9	● 353	---
Bore	ppm	● 254	● 256	● 3	---

#### Diagnostic

Resample at the next service interval to monitor. 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: JOHLON  
Unique No: 5734840  
Signed: Wes Davis  
Report Date: 23 Feb 2024



### GRAPHS

