

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH40M 114405-1215 - Front Differential

Sample No: LH0270638

Oil Type: GEAR OIL SAE 75W90



**ELG Canada**  
4375 CORPORATE DRIVE  
BURLINGTON, ON  
CA L7L 5P7  
Contact: Service Manager

T:  
F: (905)335-9687



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270638	LH0251684	LH	LH
Date d'échant.	12 Jul 2023	31 Jan 2023	04 Jan 2022	10 May 2021
Heures de la Machine	6035	5542	4095	3004
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL



#### ÉTAT D'HUILE

Visc 40°C	cSt	104	104	105	98.1
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#### CONTAMINATION

Silicium	ppm	2	2	2	2
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	<1	0	1	<1



#### MÉTAUX D'USURE

Fer	ppm	1	2	2	2
Cuivre	ppm	5	21	25	12
Plomb	ppm	0	<1	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	0	0	0	<1
Chrome	ppm	0	0	0	0
Molybdène	ppm	0	0	<1	<1
Nickel	ppm	<1	<1	<1	0
Titane	ppm	0	0	0	0
Argent	ppm	0	0	<1	<1
Manganèse	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	6	6	7	6
Magnésium	ppm	1	2	1	1
Zinc	ppm	11	17	16	11
Phosphore	ppm	1321	1295	1308	1192
Baryum	ppm	0	0	0	<1
Bore	ppm	310	319	319	309

#### 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: STR437BUR  
Unique No: 5607786  
Signed: Wes Davis  
Report Date: 18 Jul 2023



### GRAPHS

