

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(363344)] LIEBHERR LH40C 135581-1527 - Left Final Drive

Sample No: LH0265824

Oil Type: GEAR OIL SAE 80W90



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0265824	LH0256854	LH0242648	LH
Date d'échant.	27 Jun 2023	05 Apr 2023	05 Oct 2022	06 Jun 2022
Heures de la Machine	3831	3230	1988	1051
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

**CANADA IRON AND METAL CO. LTD.**  
 3534 DUNDAS STREET WEST  
 TORONTO, ON  
 CA M6S 2S1  
 Contact: Joshua Kiminisky  
 josh@canadairon.com  
 T:  
 F: (416)762-1808



#### ÉTAT D'HUILE

Visc 40°C	cSt	101	92.5	101	122
-----------	-----	-----	------	-----	-----



#### CONTAMINATION

Silicium	ppm	2	1	<1	2
Sodium	ppm	<1	<1	2	5
Potassium	ppm	<1	0	<1	3



#### MÉTAUX D'USURE

Fer	ppm	9	12	20	32
Cuivre	ppm	<1	0	0	<1
Plomb	ppm	0	0	<1	0
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	0	<1	<1
Chrome	ppm	<1	0	<1	1
Molybdène	ppm	0	0	0	<1
Nickel	ppm	0	0	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	<1	0	0	0
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	6	8	8	18
Magnésium	ppm	1	2	<1	1
Zinc	ppm	11	13	17	17
Phosphore	ppm	1304	1369	1446	1311
Baryum	ppm	0	0	1	7
Bore	ppm	303	310	279	211

#### 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. Viscosity of sample indicates oil is within SAE 75W90 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot: CAN353TOR  
 Unique No: 5604414  
 Signed: Wes Davis  
 Report Date: 29 Jun 2023



### GRAPHS

