

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(340260)] LIEBHERR LH40C 127925-1527 - Splitter Box

Sample No: LH0285112

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0285112	LH0277656	LH0270150	LH0251576
Date d'échant.	15 Feb 2024	07 Dec 2023	27 Sep 2023	05 Apr 2023
Heures de la Machine	7504	7010	6592	5459
Heures de l'huile	0	0	0	0
Huile changée	N/A	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	88.9	88.2	83.0	82.3
-----------	-----	------	------	------	------



#### CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	1	1	3	1
Sodium	ppm	<1	3	1	<1
Potassium	ppm	<1	2	0	0



#### MÉTAUX D'USURE

Fer	ppm	11	11	17	17
Cuivre	ppm	<1	<1	2	<1
Plomb	ppm	<1	<1	<1	0
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	0	0	0	0
Molybdène	ppm	0	0	0	0
Nickel	ppm	0	<1	0	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	<1	<1	0
Manganèse	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	73	84	150	195
Magnésium	ppm	2	1	1	2
Zinc	ppm	63	67	110	106
Phosphore	ppm	1227	1160	1171	1287
Baryum	ppm	0	<1	<1	0
Bore	ppm	291	291	258	266

#### 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: CAN353TOR  
 Unique No: 5733538  
 Signed: Wes Davis  
 Report Date: 20 Feb 2024



### GRAPHS

