

LIEBHERR

CONSTRUCTION EQUIPMENT



[(363344)] LIEBHERR LH40C 135581-1527 - Swing Drive

Sample No: LH0277661

Oil Type: LIEBHERR GEAR BASIC 90 LS



INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0277661	LH0265821	LH0256852	LH0242645
Date d'échant.	07 Dec 2023	27 Jun 2023	05 Apr 2023	05 Oct 2022
Heures de la Machine	4925	3831	3230	1988
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	100	104	95.6	100
-----------	-----	-----	-----	------	-----



CONTAMINATION

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



MÉTAUX D'USURE

Fer	ppm	237	40	58	70
Cuivre	ppm	19	12	18	21
Plomb	ppm	<1	<1	<1	<1
Étain	ppm	<1	0	<1	<1
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	2	<1	<1	<1
Molybdène	ppm	0	0	0	0
Nickel	ppm	1	<1	0	<1
Titane	ppm	0	0	0	0
Argent	ppm	<1	0	0	0
Manganèse	ppm	1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	12	6	9	9
Magnésium	ppm	2	1	2	<1
Zinc	ppm	12	10	13	10
Phosphore	ppm	1192	1303	1358	1468
Baryum	ppm	1	0	0	<1
Bore	ppm	315	307	312	285

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. 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: 5695057
 Signed: Kevin Marson
 Report Date: 11 Dec 2023



GRAPHS

