

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0265821

Oil Type: LIEBHERR GEAR BASIC 90 LS



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0265821	LH0256852	LH0242645	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.
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ÉTAT D'HUILE

Visc 40°C	cSt	104	95.6	100	110



CONTAMINATION

Élément	Unité	1	2	3	4
Silicium	ppm	1	1	<1	1
Sodium	ppm	<1	0	1	2
Potassium	ppm	0	0	0	2



MÉTAUX D'USURE

Élément	Unité	1	2	3	4
Fer	ppm	40	58	70	92
Cuivre	ppm	12	18	21	40
Plomb	ppm	<1	<1	<1	2
Étain	ppm	0	<1	<1	<1
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	0	0	0	<1
Nickel	ppm	<1	0	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	<1
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

Élément	Unité	1	2	3	4
Calcium	ppm	6	9	9	22
Magnésium	ppm	1	2	<1	2
Zinc	ppm	10	13	10	15
Phosphore	ppm	1303	1358	1468	1519
Baryum	ppm	0	0	<1	2
Bore	ppm	307	312	285	258

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: 5604417
 Signed: Wes Davis
 Report Date: 29 Jun 2023



GRAPHS

