

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 121164-1216 - Swing Drive

Sample No: LH0289777

Oil Type: LIEBHERR GEAR BASIC 90 LS



ACIER CENTURY INC
600 BERGE DU CANAL
LACHINE, QC
CA H8R 1H4
Contact: SERVICE



Information sur l'échantillon

Numéro d'échant.	LH0289777	LH0274281	LH0235220	LH
Date d'échant.	22 May 2024	02 Oct 2023	08 Nov 2022	04 Oct 2021
Heures de la Machine	5000	4259	3298	0
Heures de l'huile	0	0	0	0
Huile changée	Changed	Changed	Changed	Changed
Statut de l'échant.	NORMAL	NORMAL	ABNORMAL	NORMAL



État d'huile

Visc 40°C	cSt	182	177	178	172



Contamination

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	0	<1	13	<1
Sodium	ppm	1	2	4	5
Potassium	ppm	0	0	<1	2



Métaux d'usure

Fer	ppm	33	63	163	16
Cuivre	ppm	23	59	60	2
Plomb	ppm	0	2	2	<1
Étain	ppm	0	1	3	0
Aluminium	ppm	0	<1	<1	<1
Chrome	ppm	0	<1	<1	<1
Molybdène	ppm	0	0	<1	0
Nickel	ppm	0	<1	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	<1	0	0
Manganèse	ppm	<1	0	1	<1
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	3	9	24	66
Magnésium	ppm	<1	<1	9	1
Zinc	ppm	6	14	33	76
Phosphore	ppm	2143	2268	2367	2047
Baryum	ppm	0	<1	5	<1
Bore	ppm	1	3	12	12

T:
F:

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: ACILAC
Unique No: 5786412
Signed: Wes Davis
Report Date: 23 May 2024



Graphs

