



LIEBHERR LH50M 121164-1216 - Rear Differential

Sample No: LH0289781

Oil Type: LIEBHERR GEAR BASIC 90 LS



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

T:
F:



Information sur l'échantillon

Numéro d'échant.	LH0289781	LH0274285	LH0235215	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	NORMAL	NORMAL



État d'huile

Visc 40°C	cSt	181	176	170	174



Contamination

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	<1	2	4	9
Sodium	ppm	3	3	6	11
Potassium	ppm	1	0	<1	2



Métaux d'usure

Fer	ppm	13	16	27	49
Cuivre	ppm	3	9	13	29
Plomb	ppm	0	<1	<1	<1
Étain	ppm	0	0	0	<1
Aluminium	ppm	0	<1	<1	1
Chrome	ppm	0	0	0	<1
Molybdène	ppm	0	0	0	<1
Nickel	ppm	0	<1	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	<1	0	0
Manganèse	ppm	<1	0	1	3
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	4	8	27	37
Magnésium	ppm	<1	0	<1	2
Zinc	ppm	7	11	19	29
Phosphore	ppm	2091	2287	2388	2411
Baryum	ppm	<1	<1	0	<1
Bore	ppm	1	1	4	5

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: 5786414
Signed: Wes Davis
Report Date: 23 May 2024



Graphs

