

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 121164-1216 - Front Right Wheel Hub

Sample No: LH0289785

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.	LH0289785	LH0274289	LH0235223	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	180	172	172	179



Contamination

Eau	%	NEG	NEG	NEG	NEG
Silicium	ppm	3	6	9	15
Sodium	ppm	8	13	15	14
Potassium	ppm	<1	0	1	3



Métaux d'usure

Fer	ppm	46	42	58	80
Cuivre	ppm	3	6	8	15
Plomb	ppm	0	<1	<1	<1
Étain	ppm	0	0	0	<1
Aluminium	ppm	0	<1	1	1
Chrome	ppm	0	0	<1	<1
Molybdène	ppm	0	0	0	<1
Nickel	ppm	0	<1	<1	<1
Titane	ppm	0	0	<1	0
Argent	ppm	0	<1	0	<1
Manganèse	ppm	<1	<1	1	2
Vanadium	ppm	0	0	0	0



Additifs

Calcium	ppm	19	38	54	83
Magnésium	ppm	<1	<1	1	2
Zinc	ppm	18	34	35	19
Phosphore	ppm	2062	2245	2403	2311
Baryum	ppm	0	<1	0	<1
Bore	ppm	1	2	2	3

T:
F:

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: ACILAC
Unique No: 5786410
Signed: Wes Davis
Report Date: 23 May 2024



Graphs

