

## LIEBHERR LH50M 121164-1216 - Front Left Wheel Hub

Sample No: LH0274287

**Oil Type:** LIEBHERR GEAR BASIC 90 LS

## **SAMPLE INFORMATION**

Sample Number	LH0274287	LH0235216	LH	
Sample Date	02 Oct 2023	08 Nov 2022	04 Oct 2021	
Machine Hours	4259	3298	0	
Oil Hours	0	0	0	
Oil Changed	Changed	Changed	Changed	
Sample Status	NORMAL	NORMAL	NORMAL	

OIL CONDITION							
c@ 40°C cSt	0 163	144	0 115				

Silicon	ppm	6	0 9	0 9		
Sodium	ppm	0 9	08	0 9		
Potassium	ppm	0	01	0 2		

~	le le	0	0	0 -		
WEAR METALS						
Iron	ppm	<b>0</b> 55	60	57		
Copper	ppm	06	9	0 15		
Lead	ppm	<b>○</b> <1	○ <1	◯ <1		
Tin	ppm	0 ()	0	◯ <1		
Aluminum	ppm	<b>○</b> <1	○ <1	01		
Chromium	ppm	0 ()	○ <1	○ <1		
Molybdenum	ppm	0 🔘	○ <1	○ <1		
Nickel	ppm	0 ()	○ <1	◯ <1		
Titanium	ppm	0	0	0		
Silver	ppm	<mark>○</mark> <1	0	○ <1		
Manganese	ppm	<b>○</b> <1	01	2		
Vanadium	ppm	0	0	0		



Visc

**ADDITIVES** Calcium ppm 34

Magnesium	ppm	01	2	6	
Zinc	ppm	28	0 12	52	
Phosphorus	ppm	0 2154	2121	0 1690	
Barium	ppm	<b>○</b> <1	0	0	
Boron	ppm	0 18	37	0 146	

0 55

0 116





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

т: F:

## Diagnosis

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.

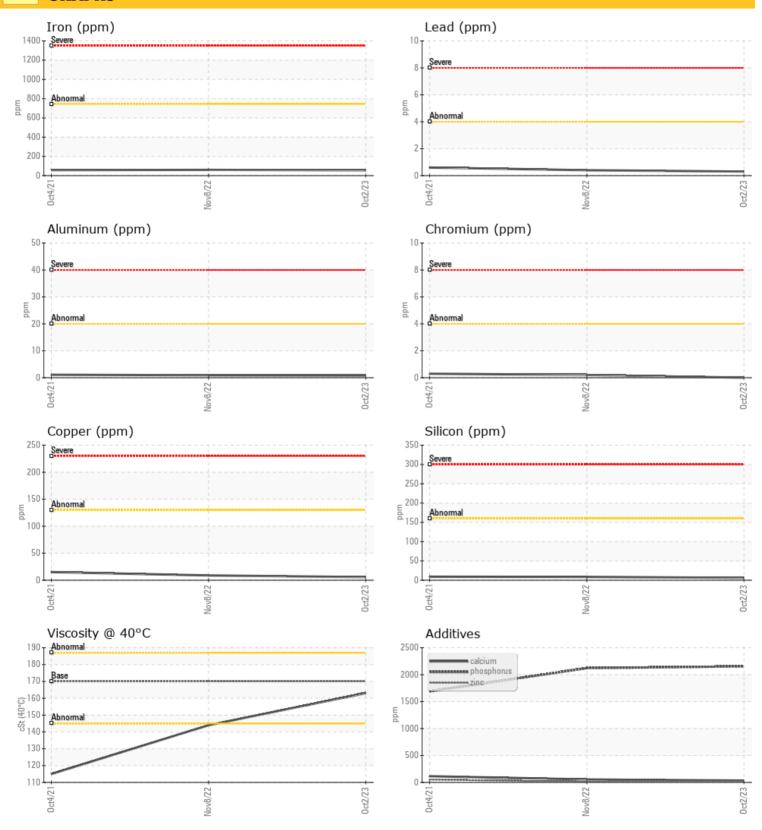
Depot: ACILAC Unique No: 5658436 Signed: Wes Davis **Report Date:** 16 Oct 2023





GRAPHS

 $\odot$ 



Report Id: ACILAC [WCAMIS] 02589370 (Generated: 10/27/2023 03:59:49) Rev: 1