

## LIEBHERR LH30M 153712-1253 - Swing Drive

Sample No: LH

Oil Type: LIEBHERR GEAR BASIC 90 LS

# SAMPLE INFORMATION

Sample Number	LH	 	
Sample Date	14 Dec 2023	 	
Machine Hours	500	 	
Oil Hours	0	 	
Oil Changed	Changed	 	
Sample Status	NORMAL	 	

OIL

### OIL CONDITION

Visc @ 40°C

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# cSt 0 178

Water	%	NEG				
Silicon	ppm	08				
Sodium	ppm	07				
Potassium	ppm	<b>○</b> <1				

#### $\odot$ **WEAR METALS** 0 230 Iron ppm Copper 0 56 ppm Lead 02 ppm Tin ppm 04 Aluminum ppm 02 Chromium ppm 02 Molybdenum 0 () ppm Nickel ppm 0 <1 Titanium ppm 0 Silver <1 ppm Manganese 2 ppm Vanadium ppm 0

ADDITIVES

Calcium	ppm	102	 	
Magnesium	ppm	<b>○</b> <1	 	
Zinc	ppm	37	 	
Phosphorus	ppm	0 2256	 	
Barium	ppm	<b>1</b> 3	 	
Boron	ppm	0 4	 	





Innovation Industrielle Boivin Inc. 2205 de la Fonderie Chicoutimi, QC CA G7H 8B9 Contact: Service Manager

T: 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:INN220CHIUnique No:5696999Signed:Wes DavisReport Date:18 Dec 2023

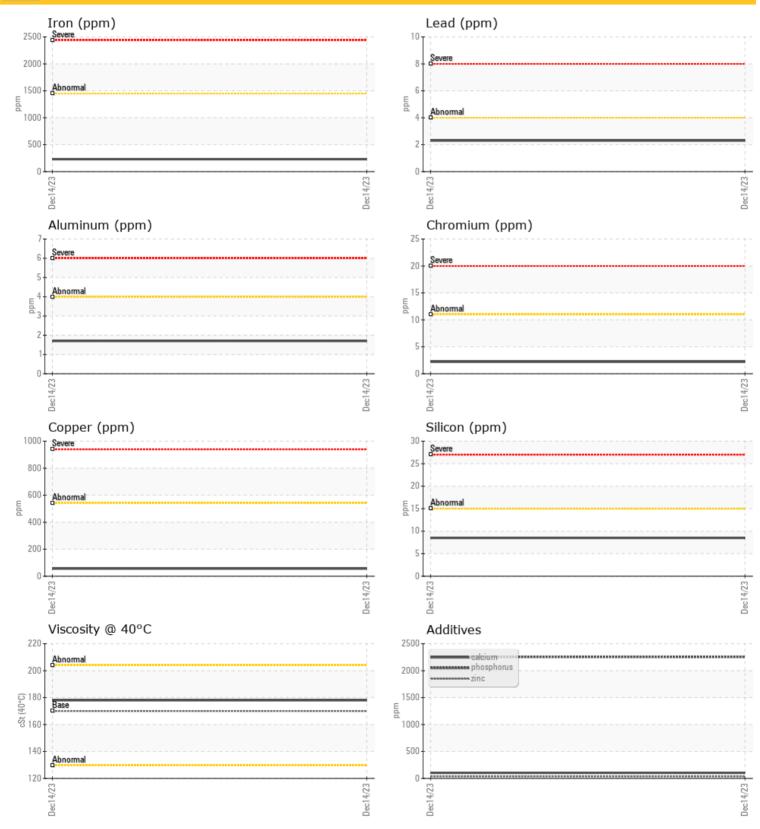
Submitted By: Marie-Eve Belley





GRAPHS

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Submitted By: Marie-Eve Belley