

# LIEBHERR LH30M 143683-1253 - Swing Drive

Sample No: LH

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

# **SAMPLE INFORMATION**

Sample Number	LH	 	
Sample Date	31 Aug 2023	 	
Machine Hours	1000	 	
Oil Hours	0	 	
Oil Changed	Changed	 	
Sample Status	NORMAL	 	

## **OIL CONDITION**

Visc @ 40°C . .

#### cSt 0 176

Со	CONTAMINATION					
Silicon	ppm	04				
Sodium	ppm	06				
Potassium	ppm	01				

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WEA	R METALS			
Iron	ppm	0 167	 	
Copper	ppm	<b>5</b> 3	 	
Lead	ppm	02	 	
Tin	ppm	04	 	
Aluminum	ppm	01	 	
Chromium	ppm	01	 	
Molybdenum	ppm	<b>○</b> <1	 	
Nickel	ppm	<mark></mark> <1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	02	 	
Vanadium	ppm	0	 	

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## **ADDITIVES**

Calcium	ppm	25	 	
Magnesium	ppm	01	 	
Zinc	ppm	44	 	
Phosphorus	ppm	0 2237	 	
Barium	ppm	6	 	
Boron	ppm	07	 	





SCIERIE MARTEL LTEE 3000 ROUTE DU LAC EST ALMA, QC CA G8B 5V2 Contact: Alain Bauchard

T: (418)668-3366 F: (418)668-2071

### 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:	SCIALM
Unique No:	5642595
Signed:	Wes Davis
Report Date:	11 Sep 2023

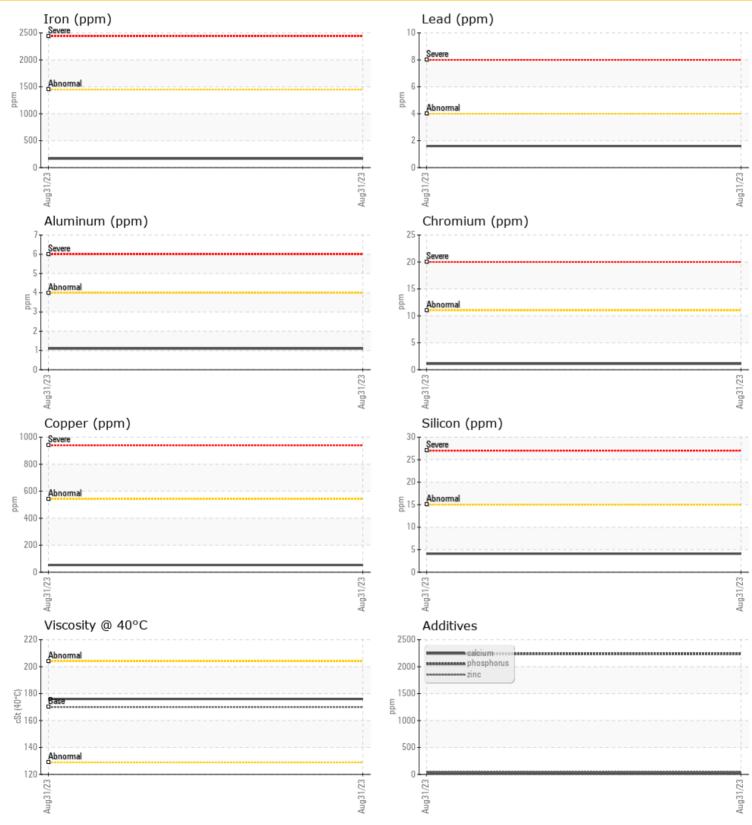
Submitted By: Marie-Eve Belley





GRAPHS

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Submitted By: Marie-Eve Belley