

# LIEBHERR HS 8100.1 2209 (S/N 186057) - Boom Winch

Sample No: LH0272224

Oil Type: LIEBHERR GEAR HYPOID 90 EP

LH0272224

11 Jan 2024 569

Changed NORMAL

569

## SAMPLE INFORMATION

Sample Number	
Sample Date	
Machine Hours	
Oil Hours	
Oil Changed	
Sample Status	

#### **OIL CONDITION**

Visc @ 40°C

- 1

# cSt 🔘 182

Water	%	NEG			
Silicon	ppm	01			
Sodium	ppm	04			
Potassium	ppm	0			

#### $\bigcirc$ **WEAR METALS** 0 95 Iron ppm Copper ○ <1 ppm Lead 0 ppm Tin ppm <1 Aluminum ppm 0 Chromium ppm 03 Molybdenum 0 ( ppm Nickel ppm 0 <1 Titanium ppm 0 Silver 0 ppm Manganese 02 ppm Vanadium ppm 0

Calcium	ppm	<b>0</b> 51			
Magnesium	ppm	0 🔘			
Zinc	ppm	58			
Phosphorus	ppm	0 745			
Barium	ppm	◯ <1			
Boron	ppm	01			





**DENSIFICATION INC** 

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### Diagnosis

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:	DENPAE
Unique No:	10844602
Signed:	Don Baldridge
Report Date:	24 Jan 2024

Report Id: DENPAE [WUSCAR] 06067925 (Generated: 01/24/2024 15:48:30) Rev: 1

Submitted By: ROBERT SHAFFER





#### Ferrous Alloys

GRAPHS

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