

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 145272-1253 - Swing Drive

Sample No: LH

Oil Type: GEAR OIL SAE 80W90



#### SAMPLE INFORMATION

Sample Number	LH	LH0250164	LH0250167	---
Sample Date	14 Mar 2024	08 Sep 2023	05 Jun 2023	---
Machine Hours	2004	1004	500	---
Oil Hours	0	0	500	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

#### Industrial Metals

550 Messier St.  
Winnipeg, MB  
CA R2J 0G5  
Contact: Service Manager



#### OIL CONDITION

Visc @ 40°C	cSt	182	190	174	---
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T:  
F:



#### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	2	6	---
Sodium	ppm	<1	2	4	---
Potassium	ppm	1	1	2	---

#### 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.



#### WEAR METALS

Iron	ppm	143	65	249	---
Copper	ppm	45	38	92	---
Lead	ppm	1	1	3	---
Tin	ppm	4	2	9	---
Aluminum	ppm	1	<1	2	---
Chromium	ppm	<1	<1	2	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	0	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	3	---
Vanadium	ppm	0	0	0	---



#### ADDITIVES

Calcium	ppm	6	8	22	---
Magnesium	ppm	2	3	1	---
Zinc	ppm	15	18	29	---
Phosphorus	ppm	2253	2235	2447	---
Barium	ppm	<1	1	9	---
Boron	ppm	4	4	8	---

Depot: IND550WIN  
Unique No: 5748257  
Signed: Wes Davis  
Report Date: 19 Mar 2024



### GRAPHS

