

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 135986 - Rear Differential

Sample No: LH

Oil Type: GEAR OIL SAE 80W90



#### Sample Information

Sample Number	LH	LH0278483	LH0250094	---
Sample Date	04 Jul 2024	22 Dec 2023	23 Mar 2023	---
Machine Hours	5083	3966	0	---
Oil Hours	0	0	0	---
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	190	176	177	---
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T:  
F:



#### Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<1	1	2	---
Sodium	ppm	2	2	2	---
Potassium	ppm	<1	0	<1	---

#### 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	4	5	7	---
Copper	ppm	<1	<1	1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	0	<1	---
Vanadium	ppm	0	0	0	---



#### Additives

Calcium	ppm	19	26	92	---
Magnesium	ppm	<1	<1	4	---
Zinc	ppm	8	9	37	---
Phosphorus	ppm	2308	2208	2338	---
Barium	ppm	0	0	0	---
Boron	ppm	<1	1	3	---

Depot: IND550WIN  
Unique No: 5814284  
Signed: Wes Davis  
Report Date: 18 Jul 2024



### Graphs

