

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 138696-1253 - Front Right Wheel Hub

Sample No: LH0279068

Oil Type: LIEBHERR GEAR BASIC 90 LS



**METAUX 139 INC.**  
86 RTE MARIE-VICTORIN  
PIERREVILLE, QC  
CA J0G 1J0  
Contact: Service Manager



#### SAMPLE INFORMATION

Sample Number	LH0279068	LH0256079	LH0250764	---
Sample Date	26 Jan 2024	14 Jun 2023	15 Feb 2023	---
Machine Hours	3129	1925	1202	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---



#### OIL CONDITION

Visc @ 40°C	cSt	171	114	64.6	---
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#### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	6	6	7	---
Sodium	ppm	8	12	20	---
Potassium	ppm	<1	1	<1	---



#### WEAR METALS

Iron	ppm	98	37	34	---
Copper	ppm	5	6	9	---
Lead	ppm	<1	<1	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	1	---
Chromium	ppm	1	<1	<1	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	3	0	---
Manganese	ppm	1	<1	1	---
Vanadium	ppm	0	0	0	---



#### ADDITIVES

Calcium	ppm	518	1635	3611	---
Magnesium	ppm	4	4	9	---
Zinc	ppm	218	632	1393	---
Phosphorus	ppm	2128	1946	1226	---
Barium	ppm	0	0	0	---
Boron	ppm	9	38	98	---

T:  
F:

#### 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: MET126WIC  
Unique No: 5721299  
Signed: Wes Davis  
Report Date: 30 Jan 2024



### GRAPHS

