

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 132404-1216 - Front Left Wheel Hub

Sample No: LH0209254

Oil Type: GEAR OIL SAE 75W90



#### SAMPLE INFORMATION

Sample Number	LH0209254	LH0223409	LH0209282	---
Sample Date	15 Mar 2024	20 Oct 2023	24 Mar 2023	---
Machine Hours	12925	11209	8500	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	---	NORMAL	---

#### HUBERT & FILS

474 ROUTE 105  
BOIS-FRANC, QC  
CA J9E 3A9

Contact: Eric Brisebois  
ericbrisebois99@gmail.com

T:  
F:



#### OIL CONDITION

Visc @ 40°C	cSt	92.8	139	89.8	---
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#### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	2	24	---
Sodium	ppm	4	6	2	---
Potassium	ppm	10	1	<1	---



#### WEAR METALS

Iron	ppm	46	30	27	---
Copper	ppm	4	15	4	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	<1	0	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	0	<1	---
Vanadium	ppm	0	0	0	---



#### ADDITIVES

Calcium	ppm	12	47	13	---
Magnesium	ppm	<1	<1	0	---
Zinc	ppm	13	22	14	---
Phosphorus	ppm	1069	1956	1110	---
Barium	ppm	0	0	0	---
Boron	ppm	153	47	146	---

#### 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: HUBBOI  
Unique No: 5750496  
Signed: Wes Davis  
Report Date: 28 Mar 2024



### GRAPHS

