

LIEBHERR

CONSTRUCTION EQUIPMENT



[(353859)] LIEBHERR LH50M 132600-1216 - Front Right Wheel

Sample No: LH0223401

Oil Type: LIEBHERR GEAR BASIC 90 LS



Sample Information

Sample Number	LH0223401	LH	LH0209268	---
Sample Date	28 Jun 2024	28 May 2024	09 Feb 2024	---
Machine Hours	14883	14280	13188	---
Oil Hours	0	0	0	---
Oil Changed	Changed	N/A	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

HUBERT & FILS

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

Contact: Eric Brisebois

ericbrisebois99@gmail.com

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Oil Condition

Visc @ 40°C	cSt	150	101	151	---
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Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	3	7	---
Sodium	ppm	4	3	2	---
Potassium	ppm	2	2	1	---



Wear Metals

Iron	ppm	64	66	93	---
Copper	ppm	13	13	7	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	0	0	0	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	<1	0	---
Vanadium	ppm	0	0	0	---



Additives

Calcium	ppm	12	16	20	---
Magnesium	ppm	<1	2	<1	---
Zinc	ppm	19	22	18	---
Phosphorus	ppm	1990	1357	1994	---
Barium	ppm	0	0	0	---
Boron	ppm	29	109	42	---

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: 5814313

Signed: Kevin Marson

Report Date: 19 Jul 2024



Graphs

