

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 152978 - Front Right Wheel Hub

Sample No: LH0288197

Oil Type: LIEBHERR GEAR BASIC 90 LS



LIEBHERR CANADA LTD.
 1015 SUTTON DRIVE
 BURLINGTON, ON
 CA L7L 5Z8
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Sample Information

Sample Number	LH0288197	LH0224305	---	---
Sample Date	05 Apr 2024	15 Feb 2024	---	---
Machine Hours	1107	556	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



Oil Condition

Visc @ 40°C	cSt	149	136	---	---
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Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	0	<1	---	---
Sodium	ppm	3	4	---	---
Potassium	ppm	<1	<1	---	---



Wear Metals

Iron	ppm	50	29	---	---
Copper	ppm	3	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	1	<1	---	---
Vanadium	ppm	0	0	---	---



Additives

Calcium	ppm	6	11	---	---
Magnesium	ppm	1	2	---	---
Zinc	ppm	11	13	---	---
Phosphorus	ppm	1922	1733	---	---
Barium	ppm	<1	1	---	---
Boron	ppm	82	124	---	---

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: LIEMIS
 Unique No: 5774028
 Signed: Wes Davis
 Report Date: 02 May 2024



Graphs

