

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 152978 - Rear Left Wheel Hub

Sample No: LH0288195

Oil Type: LIEBHERR GEAR BASIC 90 LS



LIEBHERR CANADA LTD.
 1015 SUTTON DRIVE
 BURLINGTON, ON
 CA L7L 5Z8
 Contact: Steve Lehto
 steve.lehto@liebherr.com
 T: (905)319-9222
 F: (905)319-6617



Sample Information

Sample Number	LH0288195	LH0224307	---	---
Sample Date	09 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	● 172	136	---	---
-------------	-----	-------	-----	-----	-----



Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	● 0	● 3	---	---
Sodium	ppm	● 2	● 5	---	---
Potassium	ppm	● 0	● <1	---	---



Wear Metals

Iron	ppm	● 25	● 13	---	---
Copper	ppm	● 2	● 2	---	---
Lead	ppm	● 0	● <1	---	---
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	● 0	---	---
Vanadium	ppm	0	0	---	---



Additives

Calcium	ppm	● 2	● 7	---	---
Magnesium	ppm	● <1	● 1	---	---
Zinc	ppm	● 3	● 8	---	---
Phosphorus	ppm	● 2240	● 1756	---	---
Barium	ppm	● <1	● 3	---	---
Boron	ppm	● 23	● 132	---	---

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: 5774027
 Signed: Wes Davis
 Report Date: 02 May 2024



Graphs

