

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50 138442 - Front Right Wheel Hub

Sample No: LH0278801

Oil Type: GEAR OIL SAE 80



LIEBHERR CANADA LTD.
 1015 SUTTON DRIVE
 BURLINGTON, ON
 CA L7L 5Z8
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SAMPLE INFORMATION

Sample Number	LH0278801	---	---	---
Sample Date	21 Jan 2024	---	---	---
Machine Hours	6157	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	88.6	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	21	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	1	---	---	---



WEAR METALS

Iron	ppm	72	---	---	---
Copper	ppm	18	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	46	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	161	---	---	---
Phosphorus	ppm	1144	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	208	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80. Please confirm. 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: 5711447
 Signed: Wes Davis
 Report Date: 22 Jan 2024



GRAPHS

