

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 119193-1253STEER - Front Axle

Sample No: LH0270548

Oil Type: GEAR OIL SAE 75W90



BRIGHTON RECYCLING

686 COUNTY RD 64

BRIGHTON, ON

CA K0K 1H0

Contact: Angel Guan

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SAMPLE INFORMATION

Sample Number	LH0270548	---	---	---
Sample Date	04 Oct 2023	---	---	---
Machine Hours	5149	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 100	---	---	---
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CONTAMINATION

Silicon	ppm	● 2	---	---	---
Sodium	ppm	● <1	---	---	---
Potassium	ppm	● 0	---	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	● 11	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 10	---	---	---
Phosphorus	ppm	● 1242	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● 309	---	---	---

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: BRI686BRI

Unique No: 5657395

Signed: Wes Davis

Report Date: 11 Oct 2023



GRAPHS

