

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60C 126868-1528 - Right Final Drive

Sample No: LH

Oil Type: GEAR OIL SAE 80W90



GERDAU AMERISTEEL
2025 RIVER RD.
LONDON, ON
CA N5W 6C4
Contact: Scott MacDonald

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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. Viscosity of sample indicates oil is within SAE 75W90 range, advise investigate. The condition of the oil is acceptable for the time in service.



SAMPLE INFORMATION

Sample Number	LH	LH	---	---
Sample Date	06 Jun 2022	10 Aug 2021	---	---
Machine Hours	2015	465	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	98.8	● 185	---	---
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CONTAMINATION

Silicon	ppm	● 37	● 2	---	---
Sodium	ppm	● 4	● 7	---	---
Potassium	ppm	● 5	● 3	---	---



WEAR METALS

Iron	ppm	● 75	● 42	---	---
Copper	ppm	● 23	● 20	---	---
Lead	ppm	● <1	● <1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	● 8	● <1	---	---
Chromium	ppm	● 2	● 1	---	---
Molybdenum	ppm	● <1	● 0	---	---
Nickel	ppm	● 1	● <1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	● 1	● 1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	● 70	● 53	---	---
Magnesium	ppm	● 10	● 1	---	---
Zinc	ppm	● 28	● 115	---	---
Phosphorus	ppm	● 1493	● 2423	---	---
Barium	ppm	● 4	● 14	---	---
Boron	ppm	● 248	● 4	---	---

Depot: GER202LON
Unique No: 5410167
Signed: Kevin Marson
Report Date: 08 Jun 2022



GRAPHS

