

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR 119798-1217 - Rear Left Wheel Hub

Sample No: LH0200270

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0200270	---	---	---
Sample Date	30 Nov 2022	---	---	---
Machine Hours	1763	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

TT & E IRON

1529 WEST GARNER RD

GARNER, NC

US 27529

Contact: MICHAEL STANCIL

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F:



OIL CONDITION

Visc @ 40°C	cSt	153	---	---	---
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CONTAMINATION

Silicon	ppm	● 4	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 0	---	---	---



WEAR METALS

Iron	ppm	● 132	---	---	---
Copper	ppm	● 8	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 2	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	● <1	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	● 0	---	---	---



ADDITIVES

Calcium	ppm	● 12	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 36	---	---	---
Phosphorus	ppm	● 1139	---	---	---
Barium	ppm	● 85	---	---	---
Boron	ppm	● 159	---	---	---

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: TTENEW

Unique No: 10245178

Signed: Doug Bogart

Report Date: 11 Jul 2023



GRAPHS

