

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50 1216-140094 - Front Differential

Sample No: LH06000826

Oil Type: LIEBHERR GEAR BASIC 90 LS



RECO EQUIPMENT INC.
1615 JP HENESSY DRIVE
LAVERGNE, TN
US 37086
Contact: KEN FISCHER

T: (615)610-7326
F:

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.



SAMPLE INFORMATION

Sample Number	LH06000826	---	---	---
Sample Date	25 Oct 2023	---	---	---
Machine Hours	2263	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 145	---	---	---
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CONTAMINATION

Silicon	ppm	● 12	---	---	---
Sodium	ppm	● 4	---	---	---
Potassium	ppm	● 2	---	---	---



WEAR METALS

Iron	ppm	● 118	---	---	---
Copper	ppm	● 23	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 127	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 58	---	---	---
Phosphorus	ppm	● 1809	---	---	---
Barium	ppm	● 6	---	---	---
Boron	ppm	● 5	---	---	---

Depot: RECLAV
Unique No: 10729186
Signed: Wes Davis
Report Date: 08 Nov 2023



GRAPHS

