

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### C17391(S/N 68573) - Front Differential

Sample No: LH0217121

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0217121	---	---	---
Sample Date	07 Mar 2024	---	---	---
Machine Hours	986	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**NUECES POWER EQUIPMENT**  
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#### OIL CONDITION

Visc @ 40°C	cSt	● 173.5	---	---	---
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#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 11	---	---	---
Sodium	ppm	● 9	---	---	---
Potassium	ppm	● <1	---	---	---

#### Diagnosis

Resample at the next service interval to monitor. Please specify the component make and model with your next sample. 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.



#### WEAR METALS

Iron	ppm	● 109	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 0	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 16	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	● 75	---	---	---
Magnesium	ppm	● 0	---	---	---
Zinc	ppm	● 44	---	---	---
Phosphorus	ppm	● 2275	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● <1	---	---	---

**Depot:** LIEBHERRTX  
**Unique No:** 10940088  
**Signed:** Wes Davis  
**Report Date:** 27 Mar 2024



### GRAPHS

