

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### C17391(S/N 68573) - Front Left Planetary

Sample No: LH0217120

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0217120	---	---	---
Sample Date	07 Mar 2024	---	---	---
Machine Hours	986	---	---	---
Oil Hours	986	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**NUECES POWER EQUIPMENT**  
 7333 MONROE RD  
 HOUSTON, TX  
 US 77061  
 Contact: JAMES GATHERCOLE  
 james.gath@npetex.com  
 T: (713)636-4030  
 F: (713)636-4039



#### OIL CONDITION

Visc @ 40°C	cSt	● 188	---	---	---
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#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 13	---	---	---
Sodium	ppm	● 4	---	---	---
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	● 163	---	---	---
Copper	ppm	● 0	---	---	---
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	● 4	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	39	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 68	---	---	---
Phosphorus	ppm	● 2435	---	---	---
Barium	ppm	● 2	---	---	---
Boron	ppm	● <1	---	---	---

**Depot:** LIEBHERRTX  
**Unique No:** 10940089  
**Signed:** Wes Davis  
**Report Date:** 24 Mar 2024



### GRAPHS

