

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [[US GYPSUM]] LIEBHERR L566 071890-1758 - Front Different

Sample No: LH0217109

Oil Type: GEAR OIL SAE 80W90



#### Sample Information

Sample Number	LH0217109	---	---	---
Sample Date	23 Apr 2024	---	---	---
Machine Hours	3662	---	---	---
Oil Hours	1500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

**NUECES POWER EQUIPMENT**  
 7333 MONROE RD  
 HOUSTON, TX  
 US 77061  
 Contact: Keith Frischenmeyer  
 keith@npetex.com  
 T: (713)247-0066  
 F: (713)636-4039



#### Oil Condition

Visc @ 40°C	cSt	● 189	---	---	---
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#### Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 9	---	---	---
Sodium	ppm	● 1	---	---	---
Potassium	ppm	● 2	---	---	---



#### Wear Metals

Iron	ppm	● 205	---	---	---
Copper	ppm	● 181	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 6	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 2	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● 4	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 11	---	---	---
Vanadium	ppm	<1	---	---	---



#### Additives

Calcium	ppm	● 109	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 82	---	---	---
Phosphorus	ppm	● 2627	---	---	---
Barium	ppm	● 2	---	---	---
Boron	ppm	● 2	---	---	---

#### Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** LIEBHERRTX  
**Unique No:** 11021978  
**Signed:** Sean Felton  
**Report Date:** 14 May 2024



### Graphs

