

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 145797-1218 LIEBHERR LH80M 145797-1218 - Rear Right Wh

Sample No: LH0257712

Oil Type: LIEBHERR GEAR BASIC 90 LS



TEXAS PORT RECYCLING - HOUSTON PORT  
8945 MANCHESTER ST  
HOUSTON, TX  
US 77012  
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### Sample Information

Sample Number	LH0257712	---	---	---
Sample Date	09 Apr 2024	---	---	---
Machine Hours	1579	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



### Oil Condition

Visc @ 40°C	cSt	● 132	---	---	---
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### Contamination

Water	%	● 0.196	---	---	---
Silicon	ppm	● 4	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 2	---	---	---



### Wear Metals

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



### Additives

Calcium	ppm	● 85	---	---	---
Magnesium	ppm	● 34	---	---	---
Zinc	ppm	● 56	---	---	---
Phosphorus	ppm	● 2336	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● 144	---	---	---

### Diagnosis

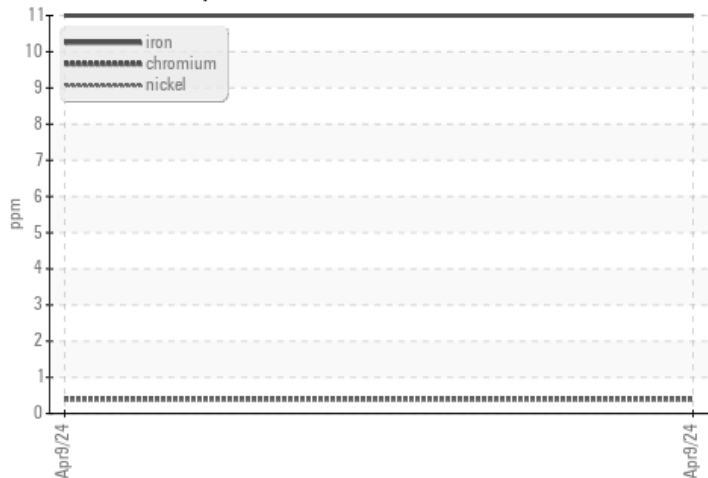
Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: TEXHOUWC  
Unique No: 11088037  
Signed: Sean Felton  
Report Date: 21 Jun 2024



### Graphs

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

