

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 144015-1217 LIEBHERR LH60M 144015-1217 - Rear Differential

Sample No: LH0220359

Oil Type: LIEBHERR GEAR BASIC 90 LS



ADVANTAGE METALS RECYCLING - ST LOUIS  
 5 N MARKET  
 ST LOUIS, MO  
 US 63102  
 Contact: JEANETTE VAGO  
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 T:  
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#### SAMPLE INFORMATION

Sample Number	LH0220359	---	---	---
Sample Date	23 Oct 2023	---	---	---
Machine Hours	500	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	● 175	---	---	---
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#### CONTAMINATION

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



#### WEAR METALS

Iron	ppm	● 10	---	---	---
Copper	ppm	● 15	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 0	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	● 9	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 0	---	---	---
Phosphorus	ppm	● 1238	---	---	---
Barium	ppm	● 276	---	---	---
Boron	ppm	● 34	---	---	---

#### 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.

Depot: ADVSTL  
 Unique No: 10849979  
 Signed: Sean Felton  
 Report Date: 31 Jan 2024



### GRAPHS

