

# LIEBHERR

## CONSTRUCTION EQUIPMENT



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

Sample No: LH0287268

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	LH0287268	---	---	---
Sample Date	09 Feb 2024	---	---	---
Machine Hours	1025	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

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

Water	%	NEG	---	---	---
Silicon	ppm	3	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	1	---	---	---



#### WEAR METALS

Iron	ppm	15	---	---	---
Copper	ppm	18	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	13	---	---	---
Magnesium	ppm	1	---	---	---
Zinc	ppm	12	---	---	---
Phosphorus	ppm	1520	---	---	---
Barium	ppm	268	---	---	---
Boron	ppm	33	---	---	---

#### 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: 10953724  
 Signed: Wes Davis  
 Report Date: 01 Apr 2024



### GRAPHS

