

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60M 1217-94975 - Rear Left Wheel Hub

Sample No: LHMC166763

Oil Type: GEAR OIL SAE 80W90



AMERICAN STATE EQUIPMENT CO. (RENTAL TO ARCELOR MITTAL)  
138 HWY 3217  
LAPLACE, LA  
US 70068  
Contact: SERVICE MANAGER

T: (414)541-8700  
F:



#### Sample Information

Sample Number	LHMC166763	LHMC119722	---	---
Sample Date	10 Apr 2024	13 Jun 2019	---	---
Machine Hours	8268	5269	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	ABNORMAL	---	---



#### Oil Condition

Visc @ 40°C	cSt	108	166	---	---
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#### Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	8	3	---	---
Sodium	ppm	<1	1	---	---
Potassium	ppm	9	10	---	---



#### Wear Metals

Iron	ppm	83	26	---	---
Copper	ppm	31	20	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	8	3	---	---
Nickel	ppm	0	1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	<1	---	---



#### Additives

Calcium	ppm	604	30	---	---
Magnesium	ppm	87	9	---	---
Zinc	ppm	318	40	---	---
Phosphorus	ppm	1275	391	---	---
Barium	ppm	4	40	---	---
Boron	ppm	155	3	---	---

#### 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: AMELAP  
Unique No: 10981419  
Signed: Sean Felton  
Report Date: 19 Apr 2024



### Graphs

