

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60M 1217-94975 - Brake

Sample No: LHMC116234

Oil Type: {unknown}



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	LHMC116234	---	---	---
Sample Date	02 May 2019	---	---	---
Machine Hours	4802	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	227	---	---	---
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#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	118	---	---	---
Sodium	ppm	178	---	---	---
Potassium	ppm	0	---	---	---



#### WEAR METALS

Iron	ppm	32	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	47	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	28	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	5	---	---	---
Phosphorus	ppm	1245	---	---	---
Barium	ppm	196	---	---	---
Boron	ppm	2	---	---	---

#### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The aluminum level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: AMELAP  
Unique No: 8615532  
Signed: Don Baldrige  
Report Date: 31 May 2019



### GRAPHS

