

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 1217-94975 - Swing Drive

Sample No: LHMC116789

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	LHMC116789	---	---	---
Sample Date	02 May 2019	---	---	---
Machine Hours	4802	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	203	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	7	---	---	---
Sodium	ppm	4	---	---	---
Potassium	ppm	0	---	---	---



WEAR METALS

Iron	ppm	2959	---	---	---
Copper	ppm	1149	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	35	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	12	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	18	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	22	---	---	---
Magnesium	ppm	13	---	---	---
Zinc	ppm	32	---	---	---
Phosphorus	ppm	1743	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	13	---	---	---

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Bearing and/or gear wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: AMELAP
Unique No: 8615557
Signed: Don Baldrige
Report Date: 31 May 2019



GRAPHS

