

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 1217-94975 - Swing Drive

Sample No: LHMC166757

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	LHMC166757	LHMC116789	---	---
Sample Date	10 Apr 2024	02 May 2019	---	---
Machine Hours	8268	4802	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	SEVERE	---	---



Oil Condition

Visc @ 40°C	cSt	126	203	---	---
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Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	2	7	---	---
Sodium	ppm	0	4	---	---
Potassium	ppm	2	0	---	---



Wear Metals

Iron	ppm	85	2959	---	---
Copper	ppm	119	1149	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	2	0	---	---
Aluminum	ppm	1	1	---	---
Chromium	ppm	<1	35	---	---
Molybdenum	ppm	1	0	---	---
Nickel	ppm	0	12	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	18	---	---
Vanadium	ppm	0	<1	---	---



Additives

Calcium	ppm	49	22	---	---
Magnesium	ppm	10	13	---	---
Zinc	ppm	31	32	---	---
Phosphorus	ppm	450	1743	---	---
Barium	ppm	0	0	---	---
Boron	ppm	26	13	---	---

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: 10981423
Signed: Sean Felton
Report Date: 19 Apr 2024



Graphs

