

LIEBHERR

CONSTRUCTION EQUIPMENT



[RMR-Louisville] LIEBHERR LH60M 114199-1217 - Rear Left Wh

Sample No: LHMC107721

Oil Type: GEAR OIL SAE 80W90



RIVER METALS RECYCLING - LOUISVILLE
PO BOX 6521
LOUISVILLE, KY
US 40206
Contact: RYAN BOWDEN

T:
F: (502)587-8699



SAMPLE INFORMATION

Sample Number	LHMC107721	LHMC84664	---	---
Sample Date	18 Nov 2020	03 Apr 2020	---	---
Machine Hours	3111	1846	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	134	142	---	---
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CONTAMINATION

Silicon	ppm	<1	2	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	0	0	---	---



WEAR METALS

Iron	ppm	20	17	---	---
Copper	ppm	18	10	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	17	21	---	---
Magnesium	ppm	2	4	---	---
Zinc	ppm	15	16	---	---
Phosphorus	ppm	890	970	---	---
Barium	ppm	143	174	---	---
Boron	ppm	52	61	---	---

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: RIVLOU
Unique No: 9272920
Signed: Wes Davis
Report Date: 02 Dec 2020



GRAPHS

