

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [RMR-Louisville] LIEBHERR LH60M 114199-1217 - Front Differe

Sample No: LHMC99404

Oil Type: GEAR OIL SAE 80W90



### SAMPLE INFORMATION

Sample Number	LHMC99404	DJJ0004054	LHMC84889	---
Sample Date	16 Jun 2021	18 Nov 2020	03 Apr 2020	---
Machine Hours	4478	3111	1846	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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



### OIL CONDITION

Visc @ 40°C	cSt	104	185	185	---
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T:  
 F: (502)587-8699



### CONTAMINATION

Silicon	ppm	3	2	4	---
Sodium	ppm	2	3	4	---
Potassium	ppm	<1	0	0	---

### 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.



### WEAR METALS

Iron	ppm	61	11	8	---
Copper	ppm	12	18	16	---
Lead	ppm	0	0	<1	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	0	0	<1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	1	0	0	---
Nickel	ppm	<1	1	<1	---
Titanium	ppm	<1	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	1	<1	<1	---
Vanadium	ppm	0	0	0	---



### ADDITIVES

Calcium	ppm	15	12	15	---
Magnesium	ppm	4	0	<1	---
Zinc	ppm	4	13	13	---
Phosphorus	ppm	472	1040	1074	---
Barium	ppm	28	328	342	---
Boron	ppm	12	2	2	---

Depot: RIVLOU  
 Unique No: 9583153  
 Signed: Don Baldrige  
 Report Date: 18 Jul 2021



### GRAPHS

