

# LIEBHERR

## CONSTRUCTION EQUIPMENT



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

Sample No: LHMC79468

Oil Type: GEAR OIL SAE 80W90



#### SAMPLE INFORMATION

Sample Number	LHMC79468	DJJ0004051	LHMC84646	---
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	103	136	142	---
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T:  
 F: (502)587-8699



#### CONTAMINATION

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

#### 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	16	20	29	---
Copper	ppm	10	18	15	---
Lead	ppm	0	0	<1	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	0	<1	<1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	1	<1	<1	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	<1	---



#### ADDITIVES

Calcium	ppm	9	17	20	---
Magnesium	ppm	3	<1	4	---
Zinc	ppm	0	17	16	---
Phosphorus	ppm	483	894	984	---
Barium	ppm	24	143	172	---
Boron	ppm	14	52	60	---

Depot: RIVLOU  
 Unique No: 9583141  
 Signed: Don Baldrige  
 Report Date: 18 Jul 2021



### GRAPHS

