

LIEBHERR

CONSTRUCTION EQUIPMENT



[RMR-Louisville] LIEBHERR LH60M 114199-1217 - Front Right Wheel

Sample No: LHMC79431

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

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.



SAMPLE INFORMATION

Sample Number	LHMC79431	DJJ0004049	LHMC88629	---
Sample Date	16 Jun 2021	18 Nov 2020	03 Apr 2020	---
Machine Hours	4478	3111	1846	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	105	124	149	---
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CONTAMINATION

Silicon	ppm	7	<1	2	---
Sodium	ppm	2	3	2	---
Potassium	ppm	<1	12	2	---



WEAR METALS

Iron	ppm	71	97	113	---
Copper	ppm	6	9	8	---
Lead	ppm	0	0	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	0	<1	<1	---
Chromium	ppm	<1	<1	1	---
Molybdenum	ppm	1	0	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	<1	0	0	---
Silver	ppm	<1	<1	0	---
Manganese	ppm	1	2	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	19	17	22	---
Magnesium	ppm	5	2	4	---
Zinc	ppm	4	16	20	---
Phosphorus	ppm	508	711	981	---
Barium	ppm	42	114	191	---
Boron	ppm	20	28	52	---

Depot: RIVLOU
Unique No: 9583149
Signed: Don Baldrige
Report Date: 18 Jul 2021



GRAPHS

