

LIEBHERR

CONSTRUCTION EQUIPMENT



[RMR-Louisville] LIEBHERR LH60M 114199-1217 - PARK - Brake

Sample No: LHMC79923

Oil Type: DIESEL ENGINE OIL SAE 15W40



SAMPLE INFORMATION

Sample Number	LHMC79923	LHMC118945	LHMC84753	---
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	NORMAL	---

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



OIL CONDITION

Visc @ 40°C	cSt	107	216	223	---
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T:
 F: (502)587-8699



CONTAMINATION

Silicon	ppm	9	112	114	---
Sodium	ppm	6	150	151	---
Potassium	ppm	1	15	2	---

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	6	28	24	---
Copper	ppm	<1	<1	<1	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	45	44	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	5	<1	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	<1	1	1	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	<1	<1	---



ADDITIVES

Calcium	ppm	2027	355	342	---
Magnesium	ppm	33	8	9	---
Zinc	ppm	873	25	26	---
Phosphorus	ppm	831	1131	1196	---
Barium	ppm	4	295	312	---
Boron	ppm	20	2	2	---

Depot: RIVLOU
 Unique No: 9583150
 Signed: Don Baldrige
 Report Date: 19 Jul 2021



GRAPHS

