

LIEBHERR

CONSTRUCTION EQUIPMENT



[RMR-Newport] 1217-97851 LIEBHERR LH60M 1217-97851 - Rear Right V

Sample No: LH0258356

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0258356	DJJ0004302	WCMC64381	LHMC84751
Sample Date	13 Mar 2024	21 Dec 2020	15 Apr 2019	15 Jan 2019
Machine Hours	13914	6959	3089	1156
Oil Hours	0	0	0	0
Oil Changed	N/A	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

RIVER METALS RECYCLING - NEWPORT
P.O. BOX 72-220
NEWPORT, KY
US 41072
Contact: RYAN BOWDEN



OIL CONDITION

Visc @ 40°C	cSt	118	122	172	132.6
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T:
F: (859)291-0086



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	2	1
Sodium	ppm	1	1	7	8
Potassium	ppm	<1	3	2	4

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	12	9	12	31
Copper	ppm	6	26	17	4
Lead	ppm	<1	0	0	2
Tin	ppm	<1	0	0	0
Aluminum	ppm	2	<1	0	0
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	<1	0	<1	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	1	2
Vanadium	ppm	<1	0	0	<1



ADDITIVES

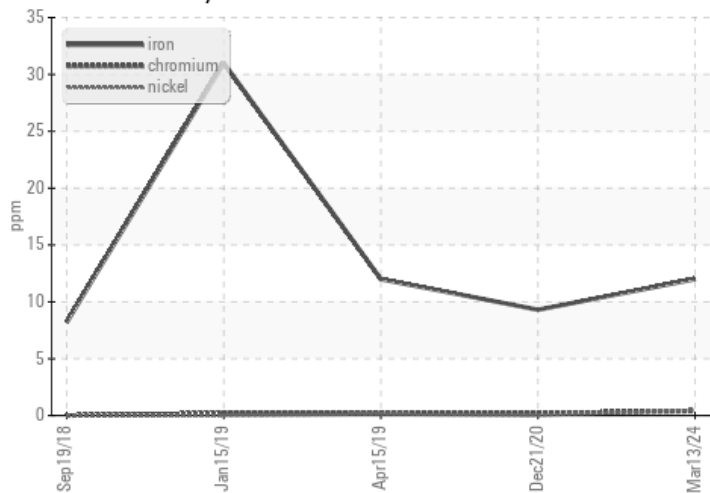
Calcium	ppm	21	33	14	38
Magnesium	ppm	2	5	0	3
Zinc	ppm	8	26	14	22
Phosphorus	ppm	215	742	884	590
Barium	ppm	0	42	263	87
Boron	ppm	1	75	6	4

Depot: RIVNEW
Unique No: 10938161
Signed: Don Baldrige
Report Date: 22 Mar 2024

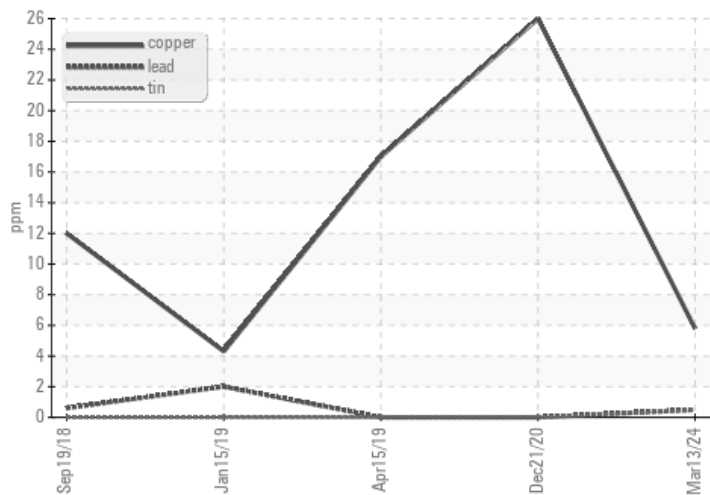


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

