# **CONSTRUCTION EQUIPMENT**

## LIEBHERR LH50M 1216-123123 - Rear Differential

Sample No: LH0212738

Oil Type: GEAR OIL SAE 80W90

# SAMPLE INFORMATION

Sample Number	LH0212738	LH0212724	LH0212714	
Sample Date	06 Jun 2023	30 Sep 2022	22 Nov 2021	
Machine Hours	3117	2179	1014	
Oil Hours	0	0	0	
Oil Changed	Changed	Changed	Changed	
Sample Status	NORMAL	NORMAL	NORMAL	

# OIL CONDITION Visc @ 40°C cSt 121

Silicon	ppm	0 ()	07	6		
Sodium	ppm	0 (	01	8		
Potassium	ppm	03	0	◯ <1		

84.8

0 111

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WE/	AR META	LS			
Iron	ppm	◯ 4	◯ 30	0 16	
Copper	ppm	<b>0</b> 10	0 77	22	
Lead	ppm	0 (	0	0	
Tin	ppm	0 (	0	0	
Aluminum	ppm	<b>○</b> <1	01	0	
Chromium	ppm	0 (	○ <1	◯ <1	
Molybdenum	ppm	02	01	01	
Nickel	ppm	0 ()	0	◯ <1	
Titanium	ppm	0	0	0	
Silver	ppm	0	0	0	
Manganese	ppm	0	01	◯ <1	
Vanadium	ppm	0	<1	<1	

### ٥ **ADDITIVES** Calcium 0 19 ppm 0 42 0 45 06 Magnesium ppm $\bigcirc 5$ $\bigcirc 5$ Zinc 0 10 0 44 0 10 ppm Phosphorus 0 217 0 597 0 597 ppm Barium ppm 0 ○ <1 0 Boron 0 ppm $\bigcirc 0$ $\bigcirc 7$





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

T: F: (859)291-0086

### Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot:	RIVN
Unique No:	1053
Signed:	Doug
Report Date:	02 Ju

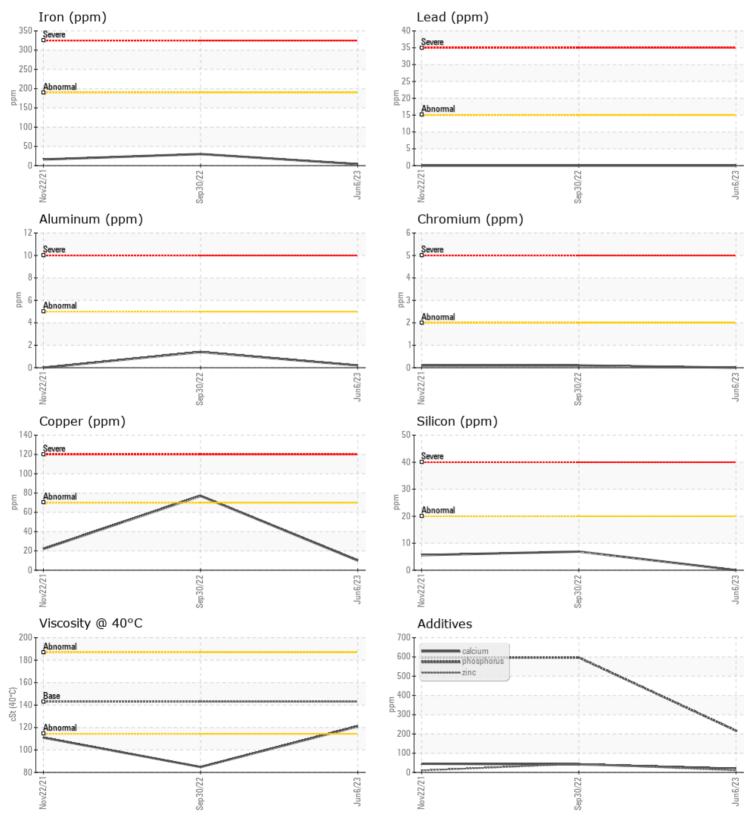
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GRAPHS

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