

LIEBHERR

CONSTRUCTION EQUIPMENT



141510-1216 LIEBHERR LH50M 141510-1216 - Rear Differential

Sample No: DJJ0017975

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



SAMPLE INFORMATION

Sample Number	DJJ0017975	---	---	---
Sample Date	09 Mar 2023	---	---	---
Machine Hours	1432	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 123	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 4	---	---	---
Sodium	ppm	● 0	---	---	---
Potassium	ppm	● 1	---	---	---

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	● 23	---	---	---
Copper	ppm	● 8	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 3	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 36	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 13	---	---	---
Phosphorus	ppm	● 383	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 4	---	---	---

Depot: RIVLOU
Unique No: 10387664
Signed: Don Baldrige
Report Date: 24 Mar 2023



GRAPHS

