

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 144689-1528 LIEBHERR LH60C 144689-1528 - Swing Drive

Sample No: LH0267323

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0267323	---	---	---
Sample Date	09 Feb 2024	---	---	---
Machine Hours	2403	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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



#### OIL CONDITION

Visc @ 40°C	cSt	● 183	---	---	---
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T:  
 F: (502)587-8699



#### CONTAMINATION

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

#### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Bearing and/or bushing wear is indicated. 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	● 131	---	---	---
Copper	ppm	● 60	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 43	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 1	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

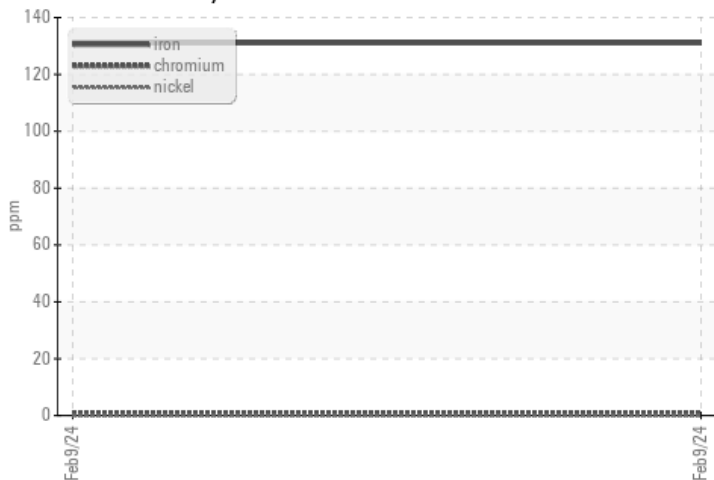
Calcium	ppm	● 32	---	---	---
Magnesium	ppm	● 1	---	---	---
Zinc	ppm	● 29	---	---	---
Phosphorus	ppm	● 2670	---	---	---
Barium	ppm	● 13	---	---	---
Boron	ppm	● 0	---	---	---

Depot: RIVLOU  
 Unique No: 10876614  
 Signed: Jonathan Hester  
 Report Date: 16 Feb 2024

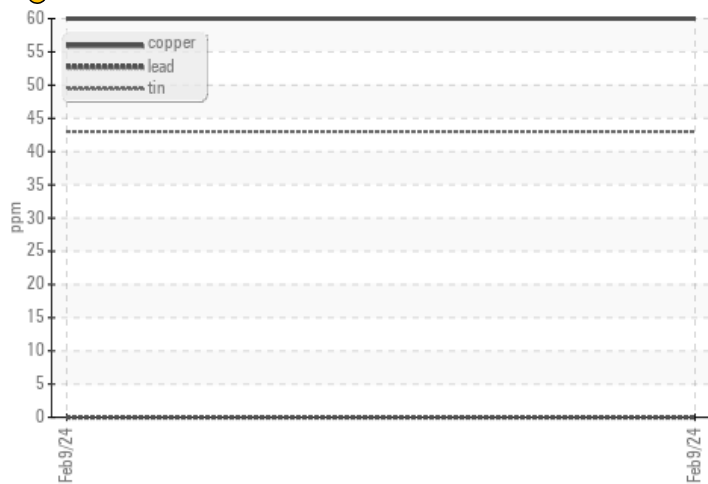


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

