

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH110CP 134678-1228 - Splitter Box

Sample No: LH0273240

Oil Type: GEAR OIL SAE 80W90



#### SAMPLE INFORMATION

Sample Number	LH0273240	LH0243284	LH0217059	---
Sample Date	10 Jan 2024	10 Jul 2023	31 May 2022	---
Machine Hours	4973	3458	1000	---
Oil Hours	0	0	1000	---
Oil Changed	Changed	Not Changd	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---

#### RECO EQUIPMENT INC.

1040 REED DRIVE  
 MONROE, OH  
 US 45050  
 Contact: Eric Hansen  
 ehansen@recoequip.com  
 T: (513)539-5255  
 F: (513)539-5256



#### OIL CONDITION

Visc @ 40°C	cSt	160	122	163	---
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#### CONTAMINATION

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



#### WEAR METALS

Iron	ppm	19	9	13	---
Copper	ppm	2	2	1	---
Lead	ppm	0	0	<1	---
Tin	ppm	<1	<1	0	---
Aluminum	ppm	2	<1	<1	---
Chromium	ppm	<1	<1	0	---
Molybdenum	ppm	2	0	0	---
Nickel	ppm	0	0	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	0	0	---



#### ADDITIVES

Calcium	ppm	114	252	74	---
Magnesium	ppm	4	1	2	---
Zinc	ppm	34	127	51	---
Phosphorus	ppm	1791	1490	2185	---
Barium	ppm	0	0	2	---
Boron	ppm	11	80	6	---

#### Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

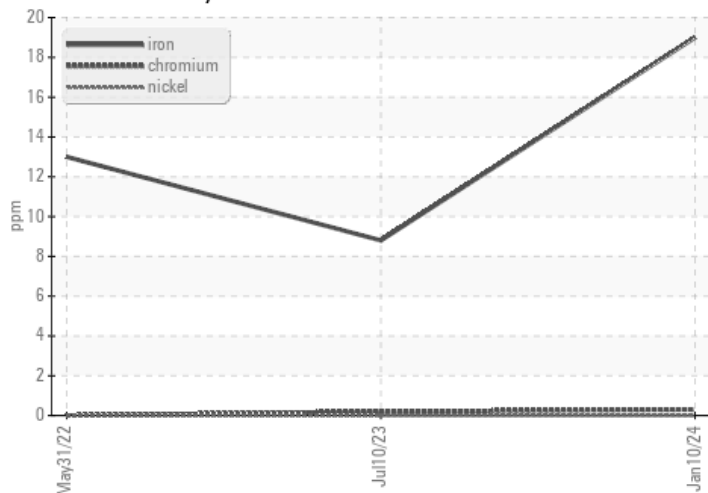
All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LEC0075  
 Unique No: 10832925  
 Signed: Wes Davis  
 Report Date: 17 Jan 2024

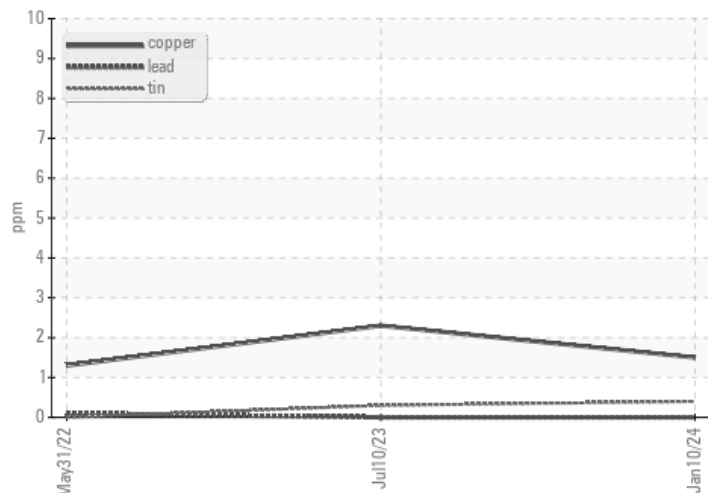


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

