

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 1253-133792 - Rear Differential

Sample No: LH0272911

Oil Type: GEAR OIL SAE 80W90



**C&C SCRAP IRON AND METALS INC**  
P.O. BOX 549  
KING MOUNTAIN, NC  
US 28086  
Contact: Service Manager



#### SAMPLE INFORMATION

Sample Number	LH0272911	LHMC130350	---	---
Sample Date	19 Dec 2023	02 May 2023	---	---
Machine Hours	4231	3145	---	---
Oil Hours	0	1000	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	80.5	77.2	---	---
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T:  
F:



#### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	12	9	---	---
Sodium	ppm	3	4	---	---
Potassium	ppm	2	<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. Confirm oil type. The condition of the oil is acceptable for the time in service.



#### WEAR METALS

Iron	ppm	27	11	---	---
Copper	ppm	4	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	3	4	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	2	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

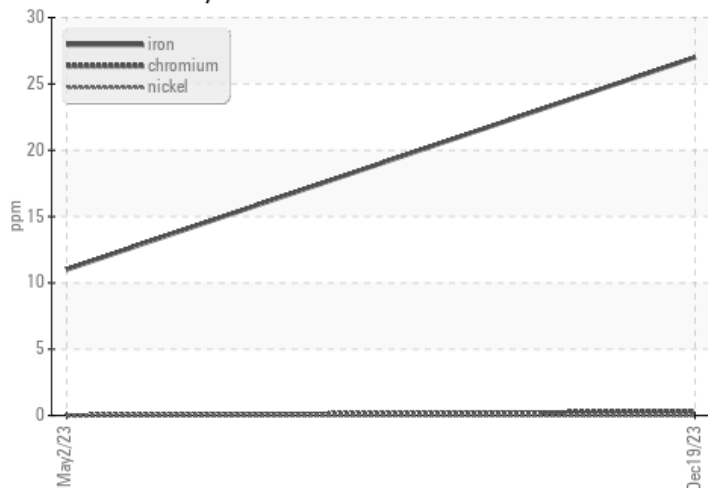
Calcium	ppm	910	746	---	---
Magnesium	ppm	14	8	---	---
Zinc	ppm	339	295	---	---
Phosphorus	ppm	671	473	---	---
Barium	ppm	0	0	---	---
Boron	ppm	29	22	---	---

Depot: CCSKIN  
Unique No: 10803028  
Signed: Don Baldrige  
Report Date: 24 Dec 2023

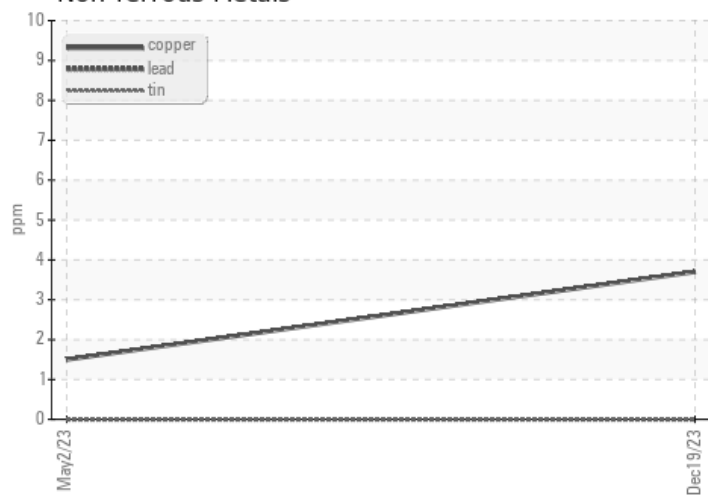


### GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

