

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 1253-133792 - Front Left Wheel Hub

Sample No: LH0272886

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	LH0272886	LHMC130310	---	---
Sample Date	19 Dec 2023	02 May 2023	---	---
Machine Hours	4231	3145	---	---
Oil Hours	0	1000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	102	79.6	---	---
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T:  
F:



#### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	7	9	---	---
Sodium	ppm	<1	5	---	---
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	35	28	---	---
Copper	ppm	6	4	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	3	3	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	1	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

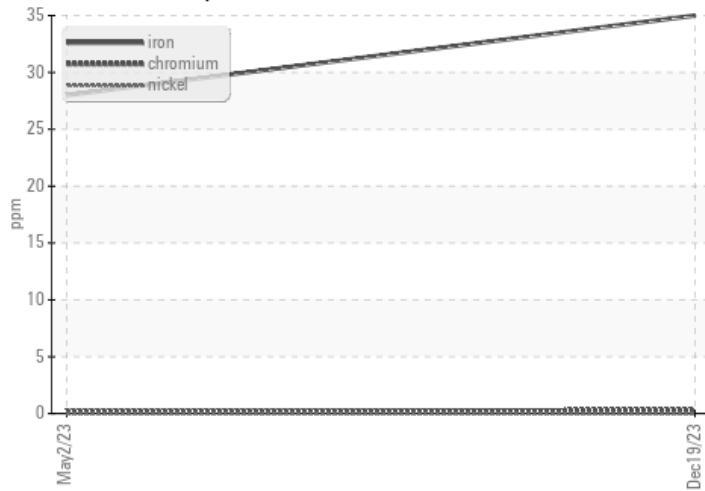
Calcium	ppm	405	553	---	---
Magnesium	ppm	20	6	---	---
Zinc	ppm	147	195	---	---
Phosphorus	ppm	498	440	---	---
Barium	ppm	0	0	---	---
Boron	ppm	6	12	---	---

Depot: CCSKIN  
Unique No: 10803027  
Signed: Don Baldrige  
Report Date: 24 Dec 2023

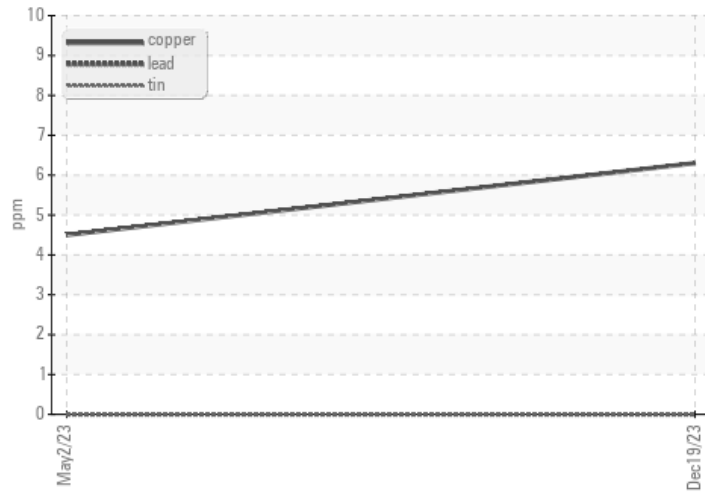


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

