

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 1253-133792 - Front Differential

Sample No: LH0272888

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	LH0272888	LHMC130340	---	---
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	81.0	81.0	---	---
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	11	9	---	---
Sodium	ppm	0	2	---	---
Potassium	ppm	1	<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	30	15	---	---
Copper	ppm	2	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	3	3	---	---
Chromium	ppm	<1	0	---	---
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

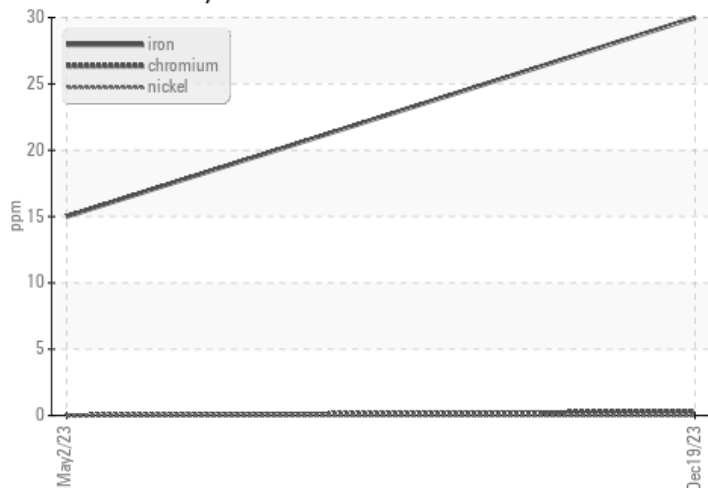
Calcium	ppm	321	314	---	---
Magnesium	ppm	11	10	---	---
Zinc	ppm	123	127	---	---
Phosphorus	ppm	424	395	---	---
Barium	ppm	0	0	---	---
Boron	ppm	11	9	---	---

Depot: CCSKIN
Unique No: 10803029
Signed: Don Baldrige
Report Date: 24 Dec 2023

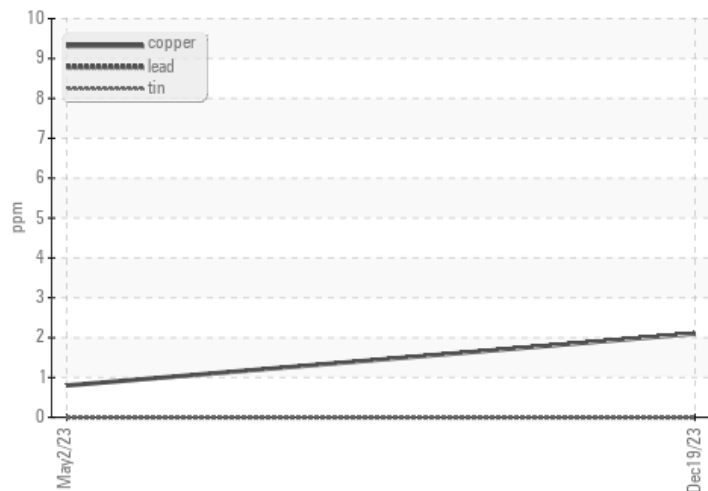


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

