

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 1253-133792 - Swing Drive

Sample No: LH0272889

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

T:
F:



SAMPLE INFORMATION

Sample Number	LH0272889	LHMC130318	---	---
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	● 127	● 120	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	● 6	● 6	---	---
Sodium	ppm	● <1	● 2	---	---
Potassium	ppm	● 3	● 2	---	---

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. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	● 91	● 97	---	---
Copper	ppm	● 23	● 18	---	---
Lead	ppm	● 0	● 0	---	---
Tin	ppm	● 0	● <1	---	---
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	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

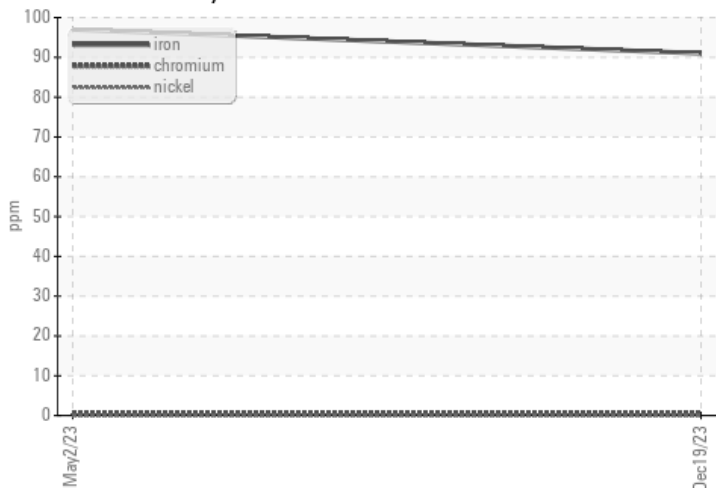
Calcium	ppm	● 268	76	---	---
Magnesium	ppm	● 19	6	---	---
Zinc	ppm	● 81	25	---	---
Phosphorus	ppm	● 1058	1045	---	---
Barium	ppm	● 0	0	---	---
Boron	ppm	● 2	4	---	---

Depot: CCSKIN
Unique No: 10803032
Signed: Don Baldrige
Report Date: 24 Dec 2023

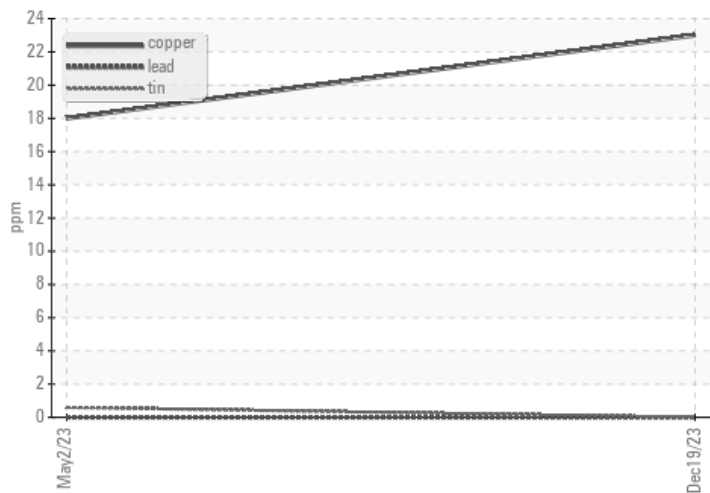


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

