

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 1253-126191 - Swing Drive

Sample No: LH0258298

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0258298	LH0208509	---	---
Sample Date	10 Aug 2023	28 Dec 2021	---	---
Machine Hours	3826	1115	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

TRAM CONSTRUCTION

9279 E KY 8
GARRISON, KY
US 41141
Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	172	221	---	---
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T:
F:



CONTAMINATION

Silicon	ppm	1	3	---	---
Sodium	ppm	3	2	---	---
Potassium	ppm	<1	0	---	---

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	127	583	---	---
Copper	ppm	56	29	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	4	2	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	<1	5	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	5	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

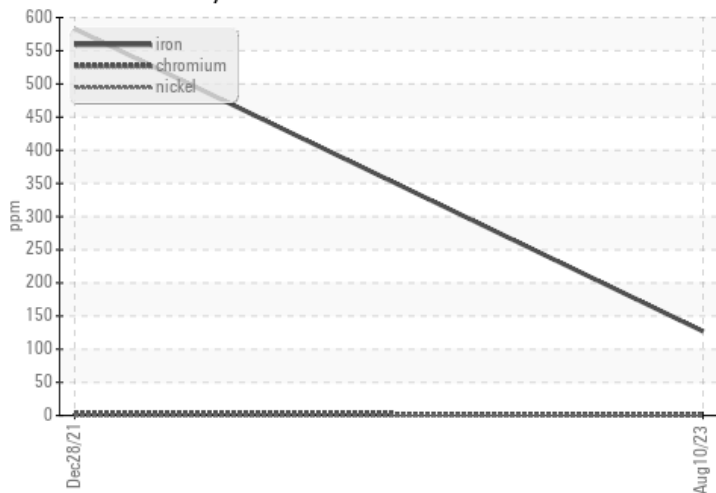
Calcium	ppm	22	14	---	---
Magnesium	ppm	3	0	---	---
Zinc	ppm	7	23	---	---
Phosphorus	ppm	2447	2222	---	---
Barium	ppm	0	0	---	---
Boron	ppm	2	4	---	---

Depot: TRAGARLH
Unique No: 10615846
Signed: Sean Felton
Report Date: 23 Aug 2023

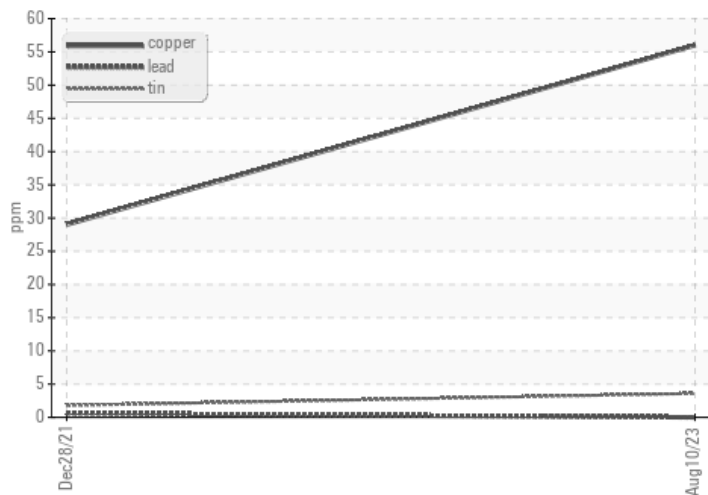


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

