

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH40M 137 231- Splitter Box

Sample No: LH0268822

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0268822	---	---	---
Sample Date	23 Jan 2024	---	---	---
Machine Hours	3350	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

UNITED SCRAP

1545 S CICERO AVE
BURR RIDGE, IL
US 60527

Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	● 137	---	---	---
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T:
F:



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 1	---	---	---
Sodium	ppm	● 1	---	---	---
Potassium	ppm	● 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	● 27	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 40	---	---	---
Magnesium	ppm	● 3	---	---	---
Zinc	ppm	● 25	---	---	---
Phosphorus	ppm	● 1112	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 122	---	---	---

Depot: UNIBURIL

Unique No: 10884172

Signed: Don Baldrige

Report Date: 18 Feb 2024

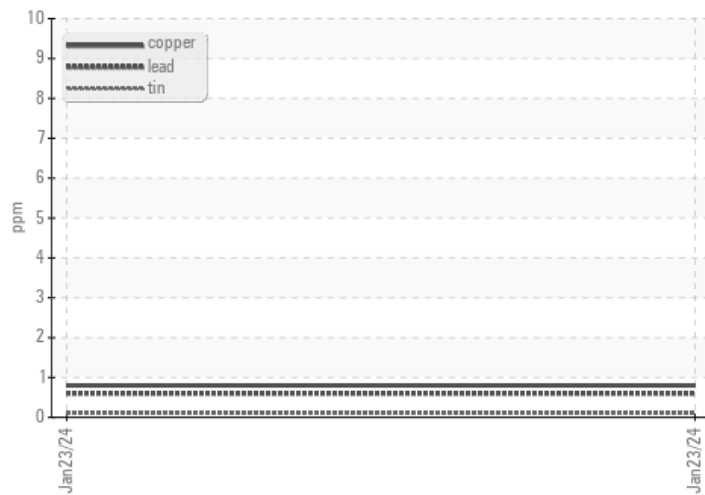


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

