

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LTM1250-5.1088721-LEFT-4 Axle

Sample No: LH0259124

Oil Type: LIEBHERR GEAR HYPOID 90 EP



SAMPLE INFORMATION

Sample Number	LH0259124	---	---	---
Sample Date	20 Mar 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

LIEBHERR USA CO - MOBILE AND CRAWLER CRANES
 4100 CHESTNUT AVENUE
 NEWPORT NEWS, VA
 US 23607
 Contact: CHRIS JONES
 chris.jones@liebherr.com
 T: (757)245-5251
 F:



OIL CONDITION

Visc @ 40°C	cSt	● 106	---	---	---
-------------	-----	-------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 6	---	---	---
Sodium	ppm	● 5	---	---	---
Potassium	ppm	● 4	---	---	---



WEAR METALS

Iron	ppm	● 1248	---	---	---
Copper	ppm	● 118	---	---	---
Lead	ppm	● 1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 4	---	---	---
Chromium	ppm	● 10	---	---	---
Molybdenum	ppm	● 2	---	---	---
Nickel	ppm	● 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 13	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	● 13	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 110	---	---	---
Phosphorus	ppm	● 1396	---	---	---
Barium	ppm	● 3	---	---	---
Boron	ppm	● 183	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Bearing and/or gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LIENEW
 Unique No: 10943010
 Signed: Jonathan Hester
 Report Date: 28 Mar 2024

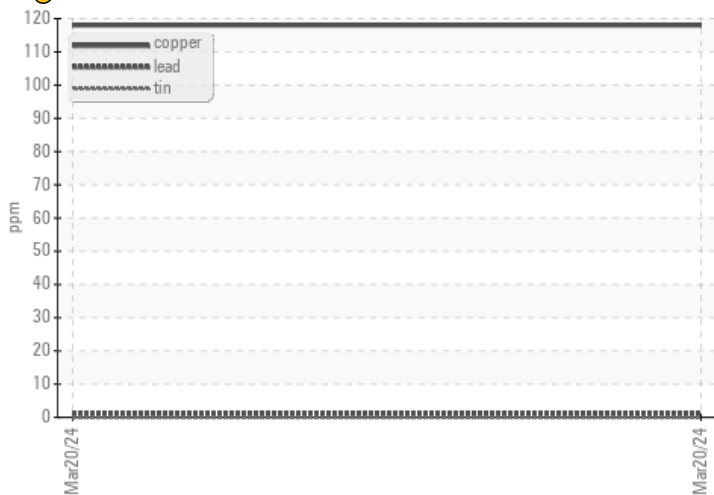


GRAPHS

● Ferrous Alloys



● Non-ferrous Metals



Viscosity @ 40°C

