

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R926 50225 - Left Final Drive

Sample No: LH0236016

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0236016	---	---	---
Sample Date	16 Jan 2024	---	---	---
Machine Hours	835	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

LIEBHERR EQUIPMENT SOURCE

4100 CHESTNUT AVENUE
NEWPORT NEWS, VA
US 23607

Contact: LUKE APPLEBY
Lucas.Appleby@liebherr.com

T:
F: (757)298-8700



OIL CONDITION

Visc @ 40°C	cSt	● 195	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 66	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 10	---	---	---

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	● 473	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 12	---	---	---
Chromium	ppm	● 5	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● 2	---	---	---
Titanium	ppm	1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 6	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 91	---	---	---
Magnesium	ppm	● 7	---	---	---
Zinc	ppm	● 54	---	---	---
Phosphorus	ppm	1406	---	---	---
Barium	ppm	● 8	---	---	---
Boron	ppm	● 1	---	---	---

Depot: LIEBHERRUS
Unique No: 10845870
Signed: Wes Davis
Report Date: 24 Jan 2024

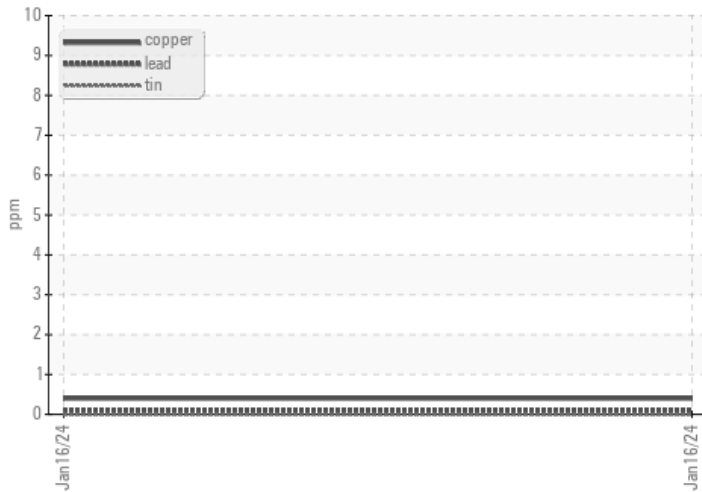


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

