

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R926 056525-1715 - Swing Drive

Sample No: LH0268482

Oil Type: LIEBHERR GEAR BASIC 90 LS



LIEBHERR EQUIPMENT SOURCE
 8200 FAYETTEVILLE ROAD
 RALEIGH, NC
 US 27603
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 joseph.germeroth@liebherr.com
 T:
 F: (919)329-0084



SAMPLE INFORMATION

Sample Number	LH0268482	---	---	---
Sample Date	07 Dec 2023	---	---	---
Machine Hours	840	---	---	---
Oil Hours	840	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 224	---	---	---
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CONTAMINATION

Water	%	● 0.178	---	---	---
Silicon	ppm	● 6	---	---	---
Sodium	ppm	● 4	---	---	---
Potassium	ppm	● 0	---	---	---



WEAR METALS

Iron	ppm	● 1258	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 0	---	---	---
Chromium	ppm	● 20	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 14	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	● 8	---	---	---
Magnesium	ppm	● 0	---	---	---
Zinc	ppm	● 0	---	---	---
Phosphorus	ppm	● 1500	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 15	---	---	---

Diagnosis

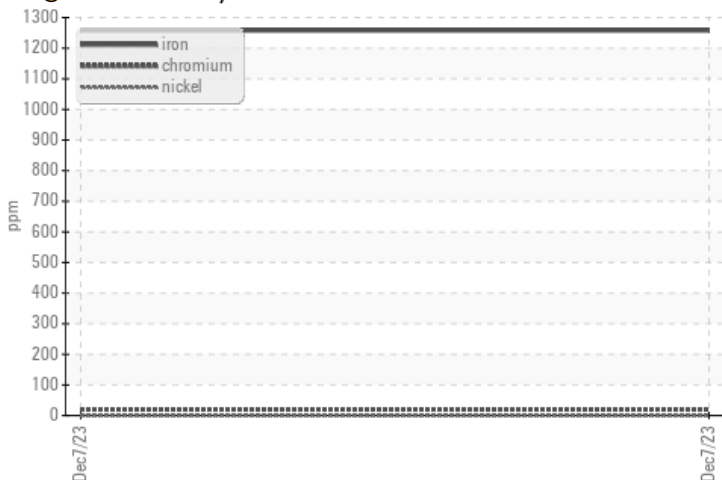
The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Gear wear is indicated. There is a trace of moisture present in the oil. The condition of the oil is acceptable for the time in service.

Depot: LIEBHERRNC
 Unique No: 10780741
 Signed: Jonathan Hester
 Report Date: 14 Dec 2023

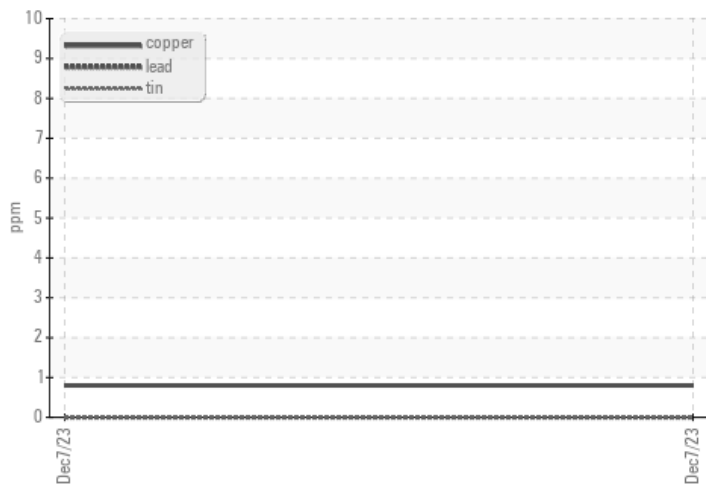


GRAPHS

● Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

