

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 048223-1332 - Transmission

Sample No: LH0271982

Oil Type: LIEBHERR GEAR MF 80W



Sample Information

Sample Number	LH0271982	---	---	---
Sample Date	13 May 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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



Oil Condition

Visc @ 40°C	cSt	● 43.8	---	---	---
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Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 9	---	---	---
Sodium	ppm	● 12	---	---	---
Potassium	ppm	● 0	---	---	---



Wear Metals

Iron	ppm	● 18	---	---	---
Copper	ppm	● 5	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 0	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 2	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	● 0	---	---	---



Additives

Calcium	ppm	● 3737	---	---	---
Magnesium	ppm	● 6	---	---	---
Zinc	ppm	● 1475	---	---	---
Phosphorus	ppm	● 1217	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● 146	---	---	---

Diagnosis

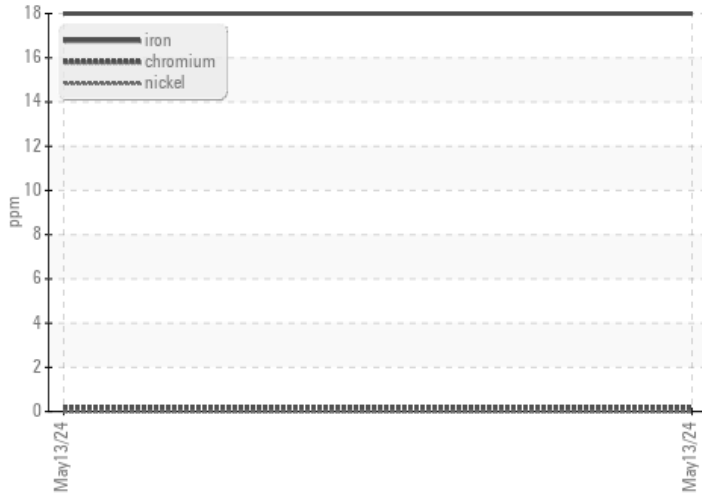
Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: LIEBHERRNC
Unique No: 11047606
Signed: Angela Borella
Report Date: 29 May 2024

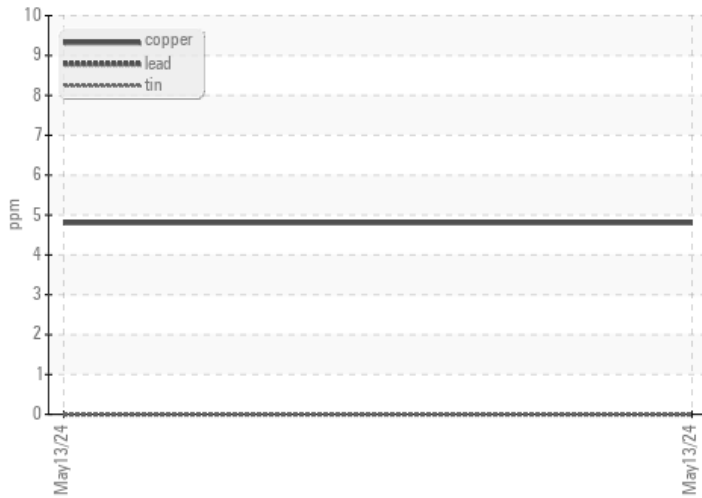


Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

