

LIEBHERR

CONSTRUCTION EQUIPMENT



[[ROME AND DOLAN]] LIEBHERR L586 068254-1761 - Transmissio

Sample No: LH0236309

Oil Type: LIEBHERR GEAR MF 80W



SAMPLE INFORMATION

Sample Number	LH0236309	LH0236307	---	---
Sample Date	25 Oct 2023	20 Jun 2023	---	---
Machine Hours	2563	1354	---	---
Oil Hours	200	1354	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

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 US 54401
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OIL CONDITION

Visc @ 40°C	cSt	● 56.3	45.0	---	---
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CONTAMINATION

Water	%	● 0.785	---	---	---
Silicon	ppm	● 6	● 5	---	---
Sodium	ppm	● 3	● 7	---	---
Potassium	ppm	● <1	● <1	---	---



WEAR METALS

Iron	ppm	● 16	● 18	---	---
Copper	ppm	● 2	● 2	---	---
Lead	ppm	● 0	● 0	---	---
Tin	ppm	● 0	● <1	---	---
Aluminum	ppm	● 0	● <1	---	---
Chromium	ppm	● 0	● <1	---	---
Molybdenum	ppm	● 0	● <1	---	---
Nickel	ppm	● 0	● 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	● 0	● 0	---	---
Manganese	ppm	● 0	● <1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	● 2714	● 3180	---	---
Magnesium	ppm	● 8	● 8	---	---
Zinc	ppm	● 1316	● 1437	---	---
Phosphorus	ppm	● 1113	● 1161	---	---
Barium	ppm	● 0	● 0	---	---
Boron	ppm	2	● 55	---	---

Diagnosis

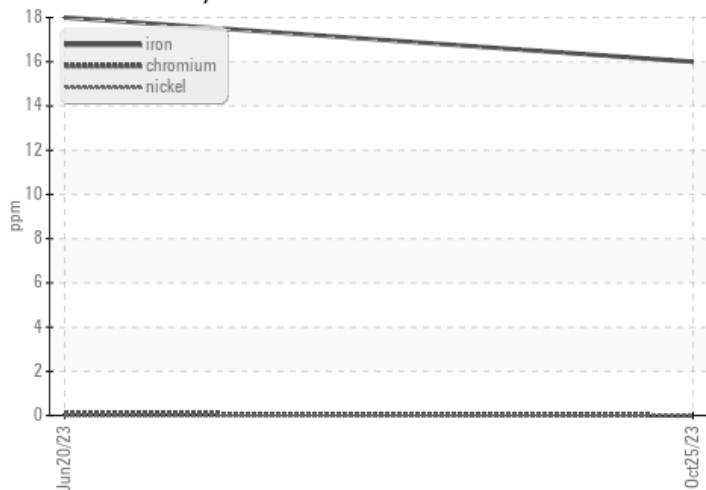
We advise that you check for the source of water entry. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate concentration of dirt present in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: LEC0008
 Unique No: 10726904
 Signed: Sean Felton
 Report Date: 06 Nov 2023

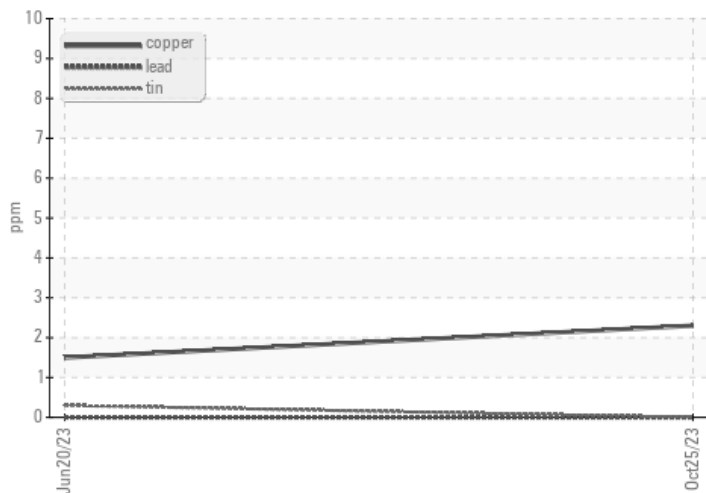


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

