

LIEBHERR

CONSTRUCTION EQUIPMENT



1762-070170 - Front Splitter Box

Sample No: LH0264111

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0264111	---	---	---
Sample Date	11 Aug 2023	---	---	---
Machine Hours	742	---	---	---
Oil Hours	742	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

BINDERHOLZ

260 PIPER LN

ENFIELD, NC

US 27823

Contact: ROBERT BULLOCK

robert.bullock@binderholz.com

T:

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OIL CONDITION

Visc @ 40°C	cSt	189	---	---	---
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CONTAMINATION

Silicon	ppm	2	---	---	---
Sodium	ppm	6	---	---	---
Potassium	ppm	1	---	---	---



WEAR METALS

Iron	ppm	181	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	6	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	22	---	---	---
Magnesium	ppm	10	---	---	---
Zinc	ppm	91	---	---	---
Phosphorus	ppm	2156	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	2	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. 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: BINENF

Unique No: 10605048

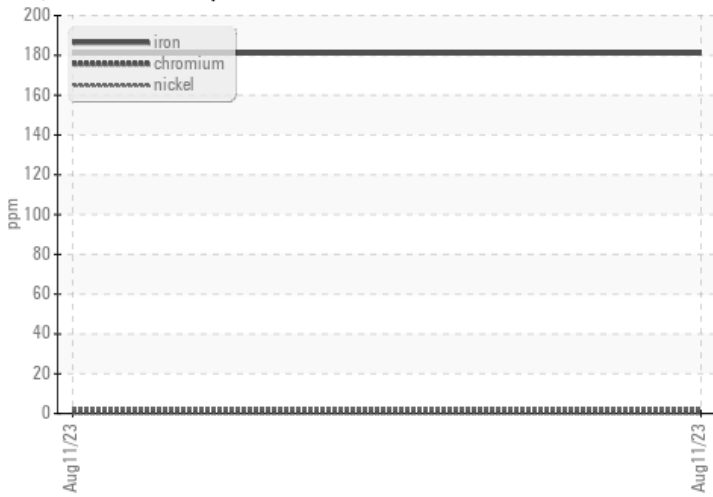
Signed: Sean Felton

Report Date: 16 Aug 2023

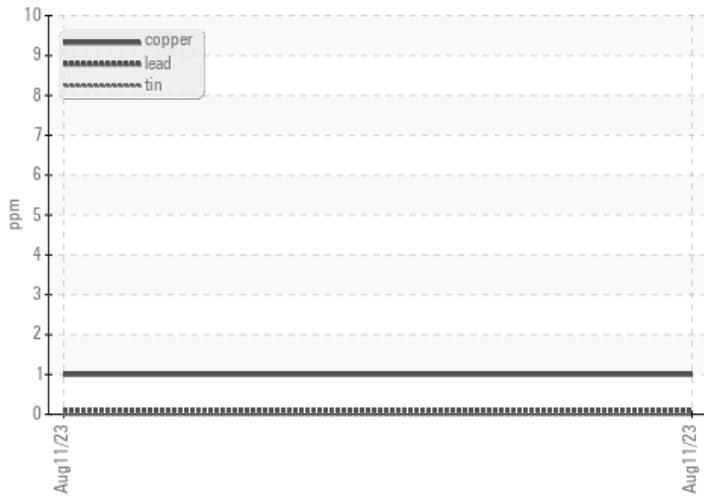


GRAPHS

● Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

