

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 040770-1170 - Transmission (Auto)

Sample No: LH0268674

Oil Type: LIEBHERR HYDRAULIC-GEAR ATF



SAMPLE INFORMATION

Sample Number	LH0268674	LH0267402	LH0267340	LH0264337
Sample Date	15 Feb 2024	22 Nov 2023	23 Aug 2023	08 Aug 2023
Machine Hours	10135	9737	9335	9297
Oil Hours	400	400	500	500
Oil Changed	Changed	Changed	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

LIEBHERR EQUIPMENT SOURCE

8200 FAYETTEVILLE ROAD
RALEIGH, NC
US 27603

Contact: Timothy Bailey
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T:
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OIL CONDITION

Visc @ 40°C	cSt	30.3	30.0	32.9	30.9



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	2	2	7	6
Sodium	ppm	0	1	5	2
Potassium	ppm	2	4	0	<1



WEAR METALS

Iron	ppm	13	16	17	13
Copper	ppm	<1	2	1	2
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	2	2	27	61
Chromium	ppm	<1	<1	0	0
Molybdenum	ppm	0	<1	0	2
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	0	<1
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	794	765	825	802
Magnesium	ppm	4	3	2	3
Zinc	ppm	3	7	0	4
Phosphorus	ppm	195	184	167	160
Barium	ppm	0	4	0	2
Boron	ppm	227	217	235	244

Diagnosis

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: 10885436

Signed: Wes Davis

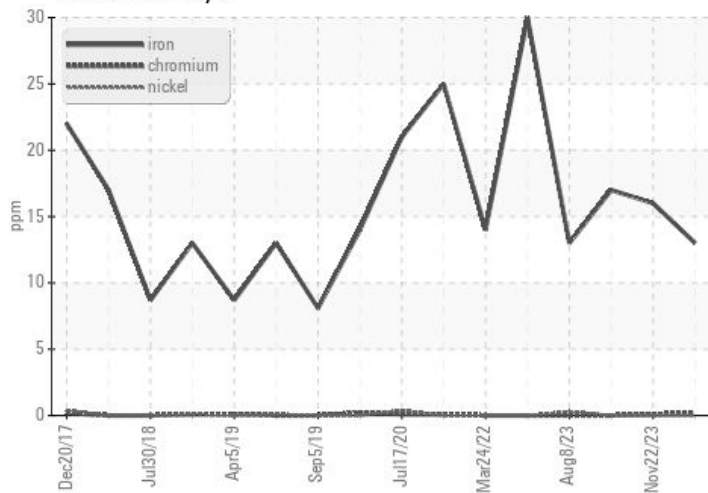
Report Date: 19 Feb 2024

Submitted By: TAYLOR BLALOCK

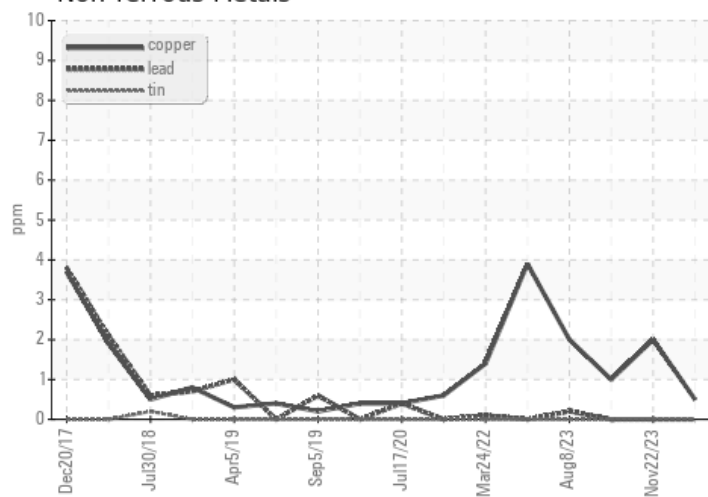


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

