

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L566 1332-62108 - Splitter Box

Sample No: LH0268217

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0268217	LH0264012	LH0176284	LH0236718
Sample Date	18 Dec 2023	16 Aug 2023	23 Mar 2023	11 Jan 2023
Machine Hours	7565	6834	5480	0
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	ABNORMAL	SEVERE	NORMAL	ABNORMAL

ALTER SCRAP

1640 BRUCE STREET
MILWAUKEE, WI
US 53227
Contact: JEFF KOENIGS



OIL CONDITION

Visc @ 40°C	cSt	120	109	94.7	123
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T: 541-8700
F: (414)541-1892



CONTAMINATION

Water	%	NEG	NEG	NEG	0.181
Silicon	ppm	11	61	<1	<1
Sodium	ppm	0	0	2	0
Potassium	ppm	1	2	0	0

Diagnosis

The oil 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.



WEAR METALS

Iron	ppm	179	762	8	14
Copper	ppm	<1	2	<1	<1
Lead	ppm	<1	<1	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	2	17	<1	<1
Chromium	ppm	3	12	<1	<1
Molybdenum	ppm	1	4	8	2
Nickel	ppm	2	5	0	0
Titanium	ppm	1	<1	3	0
Silver	ppm	0	0	0	0
Manganese	ppm	3	7	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

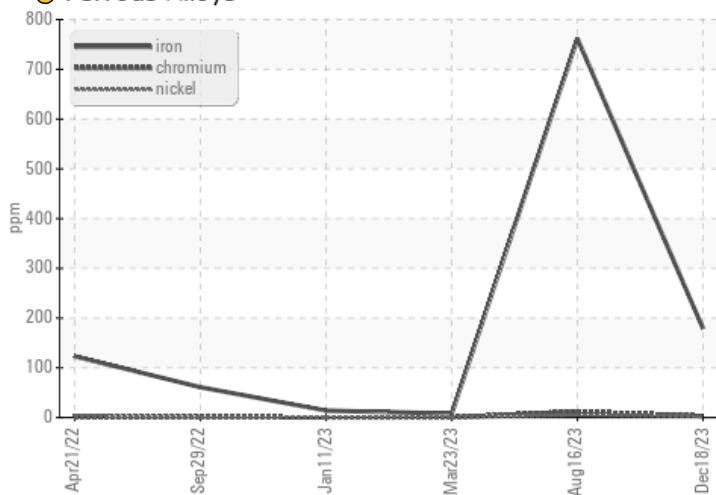
Calcium	ppm	42	91	162	52
Magnesium	ppm	13	9	66	11
Zinc	ppm	111	159	187	35
Phosphorus	ppm	752	791	749	743
Barium	ppm	0	0	0	0
Boron	ppm	23	84	22	15

Depot: ALTMILWI
Unique No: 10821032
Signed: Sean Felton
Report Date: 10 Jan 2024

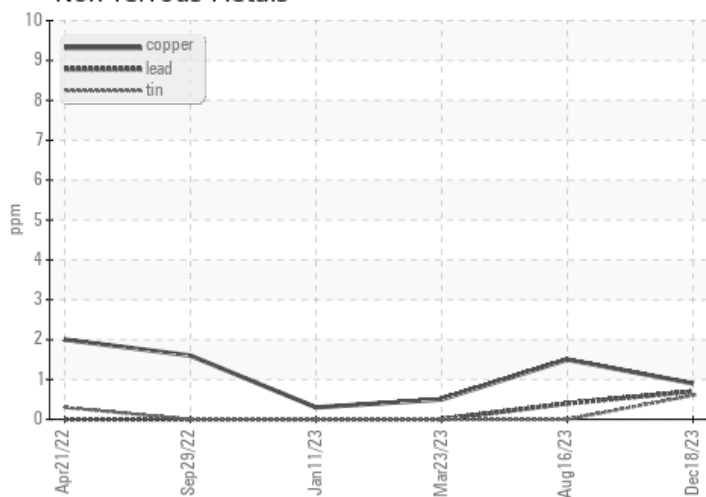


GRAPHS

● Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

