

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 052323-1334 - Transmission (Manual)

Sample No: LH0272210

Oil Type: LIEBHERR GEAR MF 80W



Sample Information

Sample Number	LH0272210	LH0229252	LH0217559	LH0207334
Sample Date	17 May 2024	07 Mar 2023	13 Jun 2022	02 Dec 2021
Machine Hours	12782	9828	8089	7052
Oil Hours	2000	2000	2000	1000
Oil Changed	Changed	Changed	Changed	Filtered
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

BENEVENTO SAND & STONE
 900 SALEM STREET PO Box 454
 WILMINGTON, MA
 US 01887
 Contact: Service Manager



Oil Condition

Visc @ 40°C	cSt	48.5	46.3	56.4	46.2
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T:
 F: (978)658-8928



Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	8	8	7
Sodium	ppm	0	8	5	6
Potassium	ppm	3	<1	2	<1

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.



Wear Metals

Iron	ppm	22	13	11	32
Copper	ppm	7	1	1	3
Lead	ppm	1	0	0	<1
Tin	ppm	1	0	0	<1
Aluminum	ppm	1	1	1	1
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	<1	<1	0	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	0	0	<1
Silver	ppm	1	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	<1	0	0	0



Additives

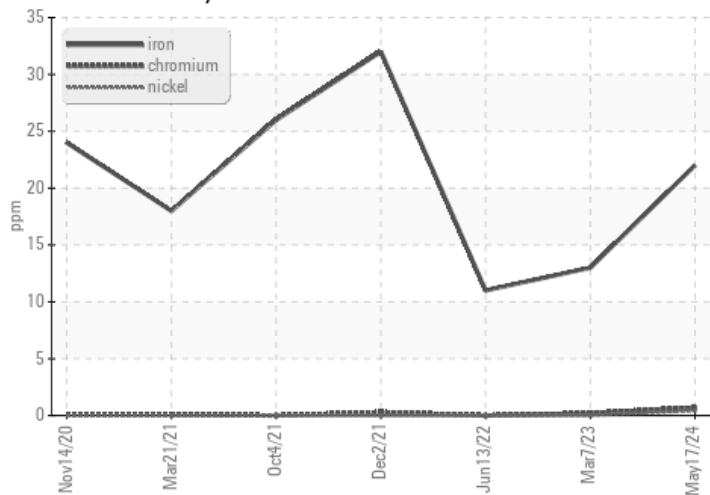
Calcium	ppm	2918	3467	3158	3479
Magnesium	ppm	5	11	7	10
Zinc	ppm	1298	1408	1282	1361
Phosphorus	ppm	1172	1159	1037	1200
Barium	ppm	0	0	0	0
Boron	ppm	16	130	115	94

Depot: BENWILLH
 Unique No: 11043735
 Signed: Wes Davis
 Report Date: 23 May 2024

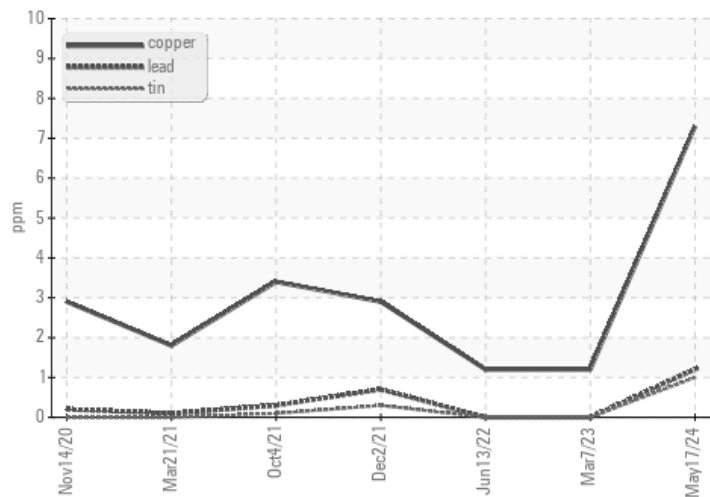


Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

