

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L550 1756-59860 - Transmission (Manual)

Sample No: LH0267677

Oil Type: LIEBHERR GEAR MF 80W



SAMPLE INFORMATION

Sample Number	LH0267677	LH0198686	LH0198673	LH05393799
Sample Date	06 Dec 2023	06 May 2022	25 Feb 2022	06 Nov 2021
Machine Hours	9838	5212	4088	2931
Oil Hours	1000	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

HOMWOOD DISPOSAL
1501 175TH ST
HOMWOOD, IL
US 60430
Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	48.0	48.5	46.7	46.0
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	7	8	7
Sodium	ppm	2	6	9	11
Potassium	ppm	0	2	0	<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	8	6	6	7
Copper	ppm	2	1	1	2
Lead	ppm	<1	<1	<1	<1
Tin	ppm	<1	0	0	0
Aluminum	ppm	<1	1	1	<1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	<1	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

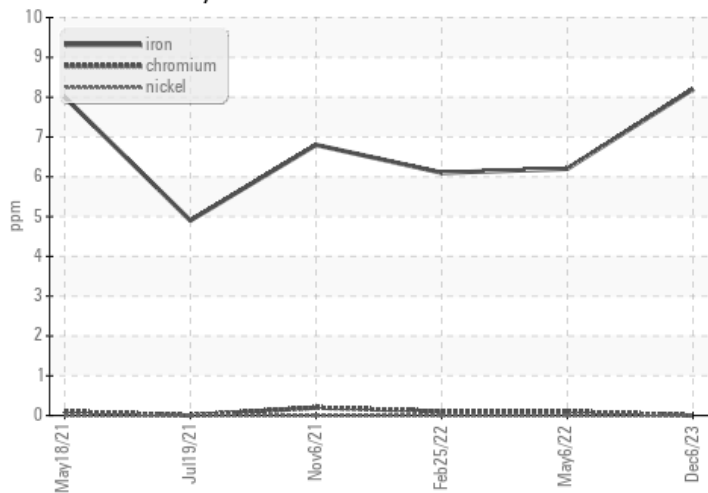
Calcium	ppm	3005	3538	3539	3798
Magnesium	ppm	5	8	11	10
Zinc	ppm	1391	1466	1320	1416
Phosphorus	ppm	1219	1210	1172	1219
Barium	ppm	0	0	0	0
Boron	ppm	33	121	117	115

Depot: HOMHOMLH
Unique No: 10831898
Signed: Wes Davis
Report Date: 16 Jan 2024

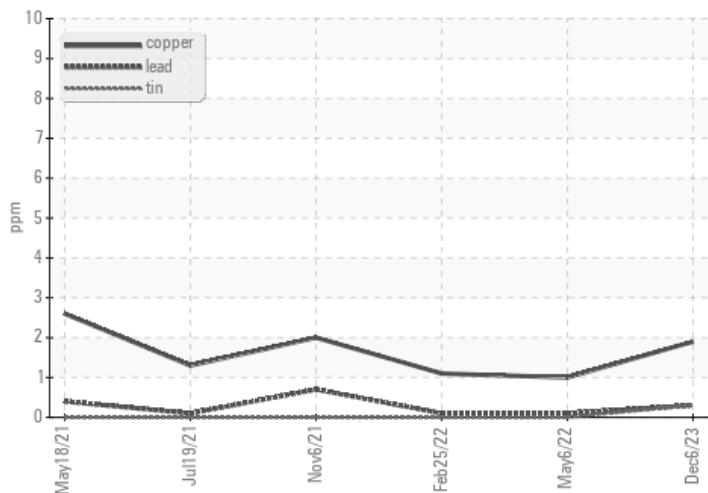


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

