

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A934C 045480-1007 - Splitter Box

Sample No: LH0263948

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0263948	LH0220616	LHMC154998	LHMC142199
Sample Date	19 Dec 2023	08 Apr 2022	17 Jan 2020	03 May 2019
Machine Hours	31068	27204	18672	22895
Oil Hours	500	500	500	500
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

NORTHERN METAL RECYCLING

2800 PACIFIC ST N
MINNEAPOLIS, MN
US 55411

Contact: CHRIS GILMER
chris.gilmer@emrgroup.com
T: (612)305-7338
F:



OIL CONDITION

Visc @ 40°C	cSt	124	237	220	243
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	2	5	6
Sodium	ppm	0	1	1	2
Potassium	ppm	2	0	16	10



WEAR METALS

Iron	ppm	26	27	19	33
Copper	ppm	1	<1	<1	<1
Lead	ppm	0	0	<1	1
Tin	ppm	<1	0	0	0
Aluminum	ppm	2	<1	<1	1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	1	0	<1	2
Nickel	ppm	0	0	0	0
Titanium	ppm	<1	0	<1	<1
Silver	ppm	0	0	0	2
Manganese	ppm	<1	1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	22	14	128	73
Magnesium	ppm	3	0	4	21
Zinc	ppm	50	65	200	153
Phosphorus	ppm	755	1238	947	929
Barium	ppm	0	0	0	0
Boron	ppm	10	86	127	127

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: NORMINLH
Unique No: 10856294
Signed: Wes Davis
Report Date: 31 Jan 2024

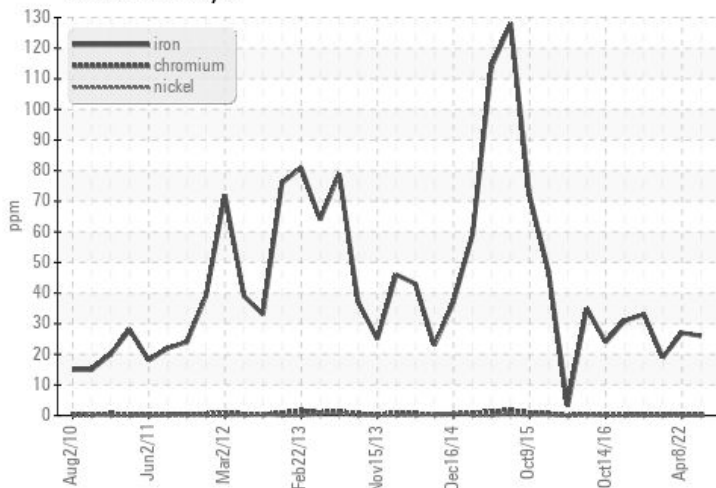
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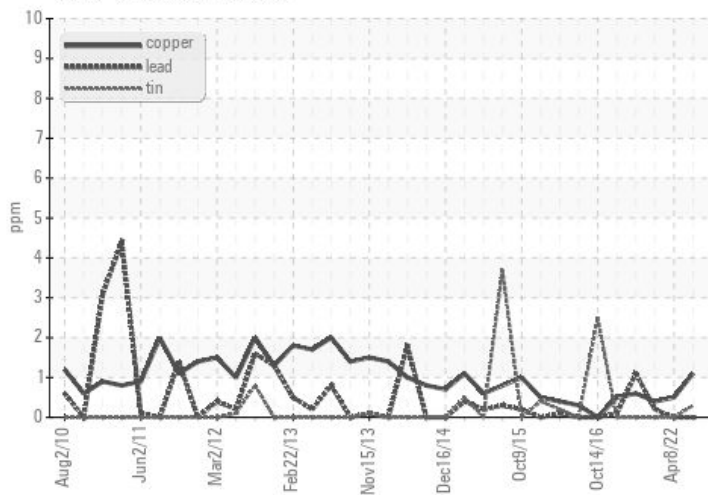


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

