

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60 107739-1217 - Splitter Box

Sample No: LH0267640

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0267640	LH0190704	LHMC104913	LHMC98861
Sample Date	16 Oct 2023	21 Jun 2021	15 Nov 2019	01 Aug 2019
Machine Hours	8524	4876	1922	1388
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

FINKBINER EQUIPMENT CO.

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US 60527
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OIL CONDITION

Visc @ 40°C	cSt	132	119	139	188
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CONTAMINATION

Silicon	ppm	1	1	2	2
Sodium	ppm	2	4	3	2
Potassium	ppm	<1	3	15	1



WEAR METALS

Iron	ppm	36	25	30	15
Copper	ppm	0	7	<1	1
Lead	ppm	0	<1	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	1	1	1	<1
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	<1	0



ADDITIVES

Calcium	ppm	63	336	112	52
Magnesium	ppm	<1	9	16	2
Zinc	ppm	38	210	69	26
Phosphorus	ppm	1551	1625	1642	1868
Barium	ppm	0	0	<1	2
Boron	ppm	262	96	173	3

Diagnosis

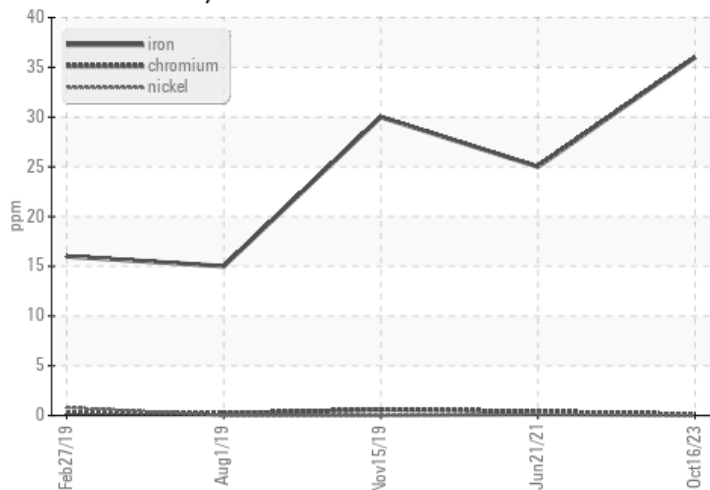
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LEC0033
Unique No: 10728507
Signed: Sean Felton
Report Date: 08 Nov 2023

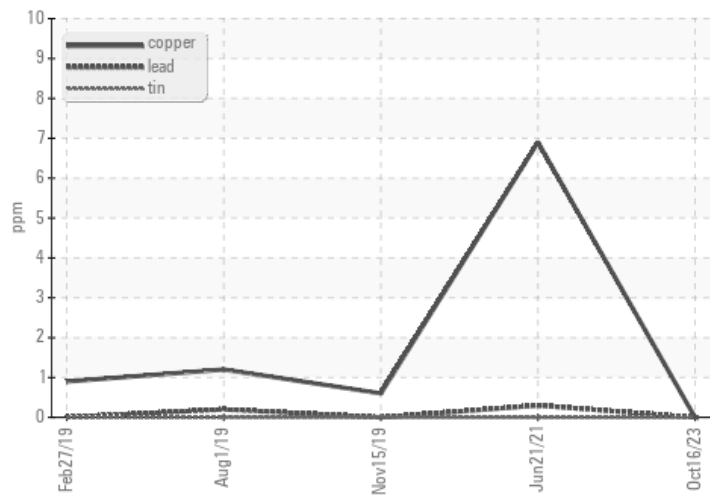


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

