

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L566 1484-47380 - Splitter Box

Sample No: LH0258548

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0258548	LHMC155719	LHMC155653	LHMC142660
Sample Date	03 Feb 2024	30 Aug 2020	15 Jan 2020	24 Aug 2019
Machine Hours	7124	4983	3815	2890
Oil Hours	1000	1000	1000	1000
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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 BROCKTON, MA
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 T: (781)389-8055
 F:



OIL CONDITION

Visc @ 40°C	cSt	165	189	179	183
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	1	<1	<1	1
Sodium	ppm	0	<1	<1	<1
Potassium	ppm	<1	<1	6	8

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.



WEAR METALS

Iron	ppm	14	9	13	22
Copper	ppm	5	<1	<1	<1
Lead	ppm	0	<1	1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	<1	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	<1	1	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

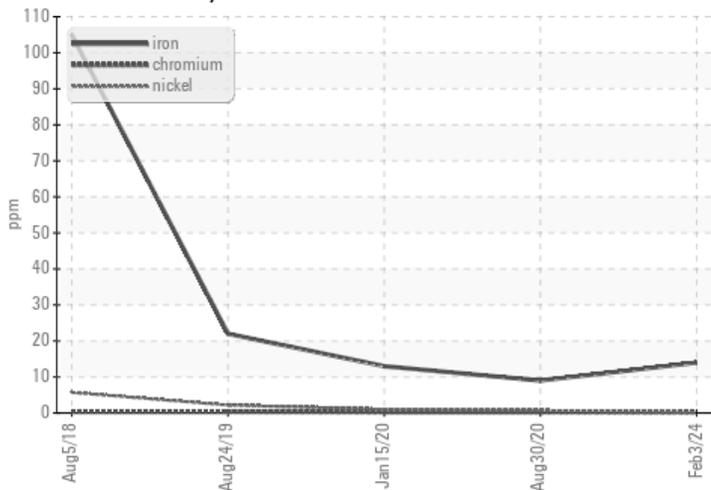
Calcium	ppm	214	2	15	2
Magnesium	ppm	2	<1	<1	1
Zinc	ppm	144	289	171	168
Phosphorus	ppm	2238	1855	1714	1839
Barium	ppm	0	0	0	<1
Boron	ppm	2	3	<1	2

Depot: BOSBRO
 Unique No: 10885383
 Signed: Wes Davis
 Report Date: 19 Feb 2024

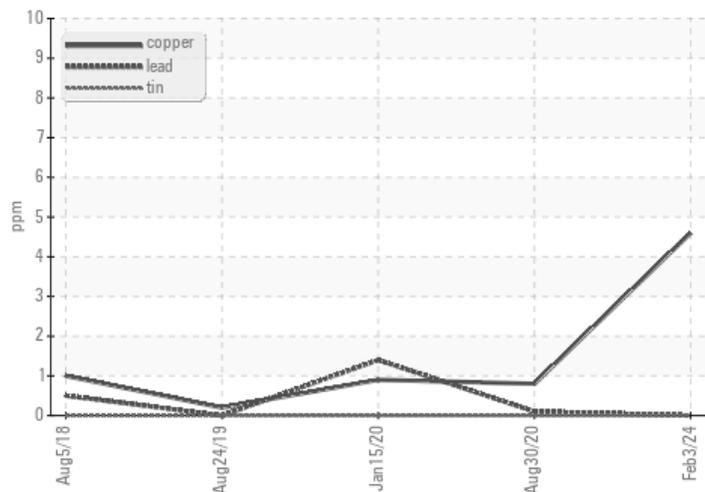


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

