

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 052439-1334 - Splitter Box

Sample No: LH0258500

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0258500	LH0217460	LH0217552	LH0207292
Sample Date	09 Oct 2023	29 Aug 2022	13 Jun 2022	04 Oct 2021
Machine Hours	11055	7135	6294	4109
Oil Hours	1000	1000	2185	1000
Oil Changed	Changed	Changed	Changed	Changed
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	177	148	103	176
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T:
 F: (978)658-8928



CONTAMINATION

Silicon	ppm	7	25	2	2
Sodium	ppm	2	0	0	0
Potassium	ppm	<1	0	1	<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	204	73	44	17
Copper	ppm	1	<1	1	<1
Lead	ppm	0	0	2	0
Tin	ppm	<1	0	<1	0
Aluminum	ppm	1	6	1	0
Chromium	ppm	3	1	<1	<1
Molybdenum	ppm	<1	0	0	<1
Nickel	ppm	<1	0	0	<1
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

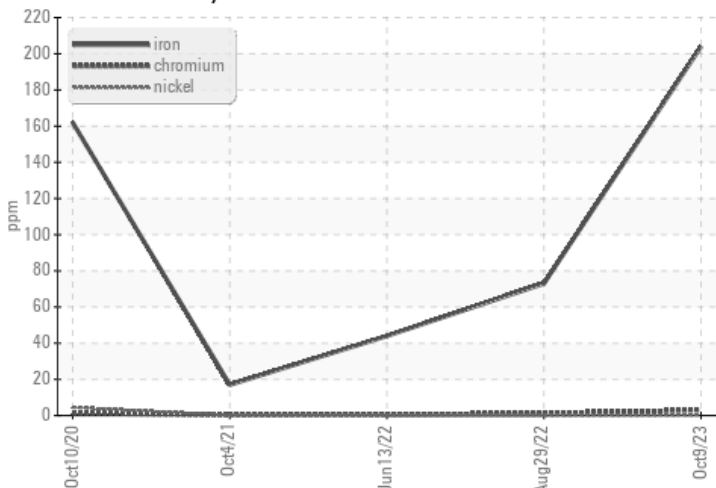
Calcium	ppm	26	40	167	31
Magnesium	ppm	4	1	3	4
Zinc	ppm	133	65	213	100
Phosphorus	ppm	2023	799	1255	969
Barium	ppm	19	0	0	0
Boron	ppm	6	4	2	1

Depot: BENWILLH
 Unique No: 10722227
 Signed: Sean Felton
 Report Date: 01 Nov 2023

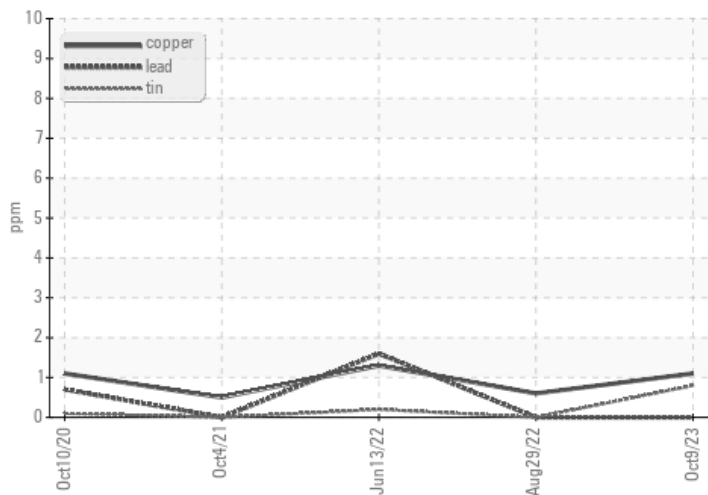


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

