

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 052323-1334 - Splitter Box

Sample No: LH0272211

Oil Type: LIEBHERR GEAR BASIC 90 LS



Sample Information

Sample Number	LH0272211	LH0229182	LH0217558	LH0207336
Sample Date	17 May 2024	11 Oct 2022	13 Jun 2022	02 Dec 2021
Machine Hours	12782	9071	8089	7052
Oil Hours	1000	982	1000	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	144	109	111	166
-------------	-----	-----	-----	-----	-----

T:
 F: (978)658-8928



Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	22	5	6	1
Sodium	ppm	1	<1	0	<1
Potassium	ppm	3	0	1	0

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	89	58	165	34
Copper	ppm	2	2	2	<1
Lead	ppm	2	<1	1	<1
Tin	ppm	1	0	0	0
Aluminum	ppm	7	2	3	<1
Chromium	ppm	2	<1	2	<1
Molybdenum	ppm	1	<1	<1	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	1	0	<1	0
Silver	ppm	<1	0	0	0
Manganese	ppm	1	1	2	<1
Vanadium	ppm	<1	<1	0	0



Additives

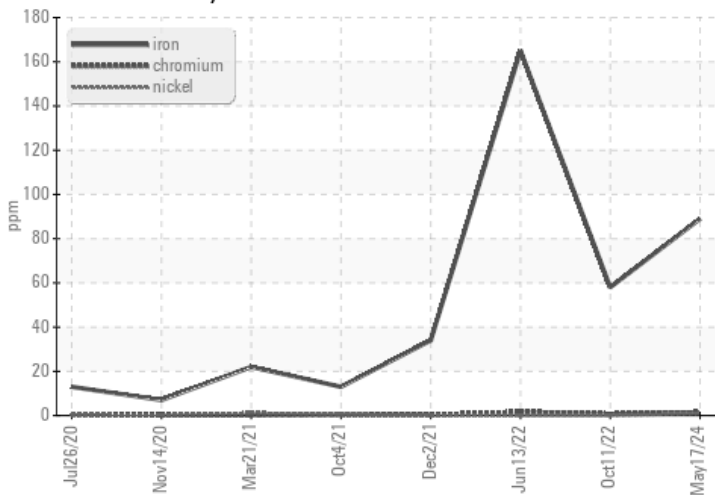
Calcium	ppm	405	568	335	19
Magnesium	ppm	6	2	11	2
Zinc	ppm	232	339	445	235
Phosphorus	ppm	2005	1800	1788	1379
Barium	ppm	0	0	0	0
Boron	ppm	2	1	4	43

Depot: BENWILLH
 Unique No: 11043704
 Signed: Don Baldrige
 Report Date: 23 May 2024

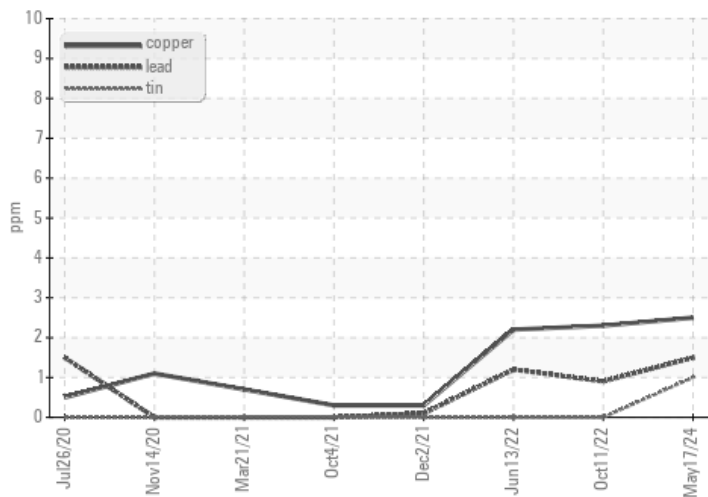


Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

