

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 032994-461 - Splitter Box

Sample No: LH0264100

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0264100	LH0220137	LHMC155448	LHMC164753
Sample Date	06 Jul 2023	28 Feb 2023	21 Oct 2019	07 Jun 2019
Machine Hours	10350	9819	3163	2422
Oil Hours	500	1000	700	550
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

TT & E IRON

1529 WEST GARNER RD
GARNER, NC
US 27529
Contact: MICHAEL STANCIL
culaterprowler@aol.com
T: (919)524-4326
F:



OIL CONDITION

Visc @ 40°C	cSt	182	164	185	189
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CONTAMINATION

Silicon	ppm	5	1	3	3
Sodium	ppm	0	0	0	0
Potassium	ppm	2	<1	<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 oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	32	29	13	12
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	1	1	1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	<1	<1	1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

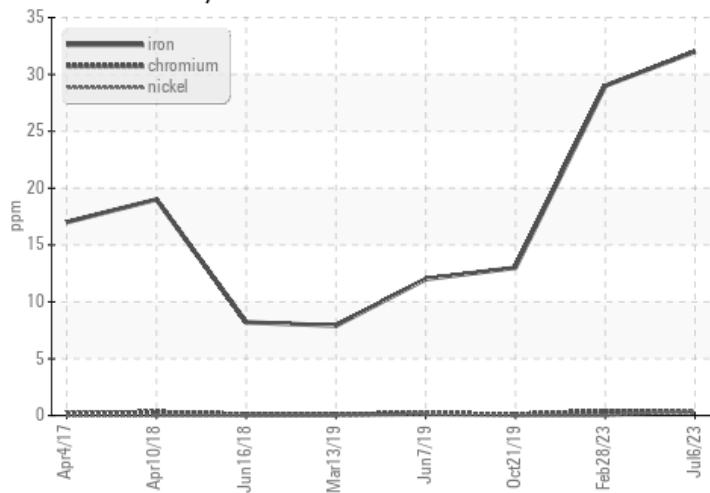
Calcium	ppm	26	7	3	14
Magnesium	ppm	0	1	2	0
Zinc	ppm	35	49	69	43
Phosphorus	ppm	2112	2001	1804	2102
Barium	ppm	0	0	0	0
Boron	ppm	3	4	1	1

Depot: TTENEW
Unique No: 10561696
Signed: Don Baldrige
Report Date: 19 Jul 2023

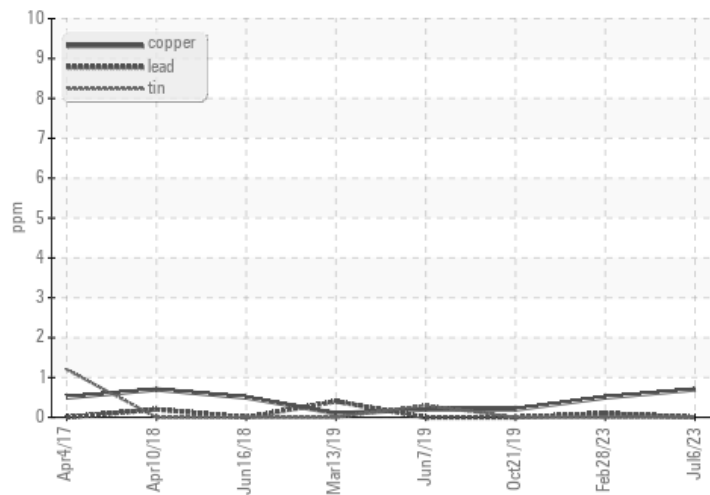


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

