

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 048061-1334 - Transmission (Manual)

Sample No: LH0258026

Oil Type: LIEBHERR GEAR MF 80W



SAMPLE INFORMATION

Sample Number	LH0258026	LH0220141	LH0236174	LH0207479
Sample Date	29 Jun 2023	24 Feb 2023	14 Sep 2022	07 Mar 2022
Machine Hours	6839	5960	5320	4013
Oil Hours	500	1000	1300	1200
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	49.5	49.9	46.4	46.1
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CONTAMINATION

Silicon	ppm	5	7	7	7
Sodium	ppm	0	0	6	8
Potassium	ppm	2	<1	0	0



WEAR METALS

Iron	ppm	8	8	5	11
Copper	ppm	1	<1	<1	1
Lead	ppm	0	<1	0	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	<1	1	1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	<1	<1	0	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	0	0	<1
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3200	3265	3467	3558
Magnesium	ppm	2	4	8	10
Zinc	ppm	1286	1361	1423	1372
Phosphorus	ppm	1130	1132	1116	1158
Barium	ppm	0	0	<1	0
Boron	ppm	52	40	140	112

Diagnosis

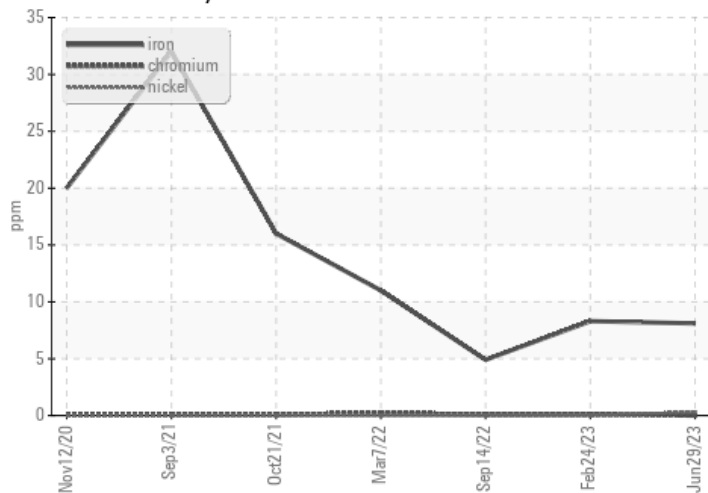
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: TTENEW
Unique No: 10561702
Signed: Don Baldrige
Report Date: 19 Jul 2023

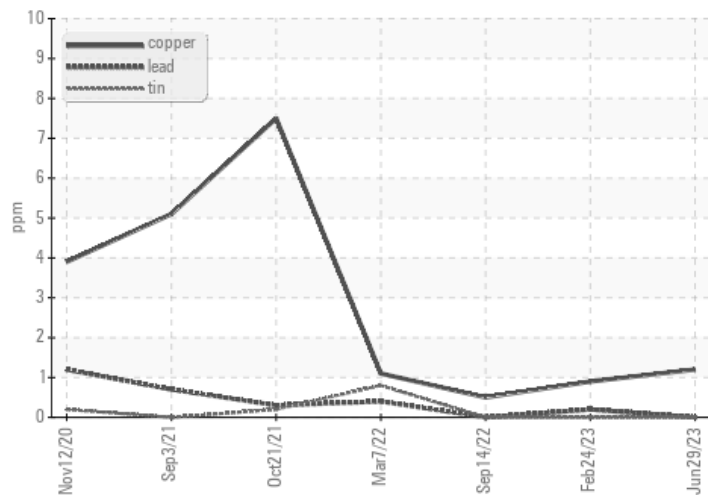


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

