

# LIEBHERR

## CONSTRUCTION EQUIPMENT



[[605863-10241266]] LIEBHERR L526 051780-1558 - Hydraulic

Sample No: LH0276276

Oil Type: {unknown}



### Sample Information

Sample Number	LH0276276	LH0274540	LH	LH
Sample Date	08 Apr 2024	29 Aug 2023	07 Feb 2022	22 Mar 2021
Machine Hours	0	3031	1837	1252
Oil Hours	0	0	0	0
Oil Changed	N/A	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	SEVERE	NORMAL

### GREEN METALS CANADA

224 BEARDS LANE  
WOODSTOCK, ON  
CA N4S 7W3

Contact: Jamie Depotie  
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### Oil Condition

Visc @ 40°C	cSt	44.4	46.8	45.5	45.8
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### Contamination

Water	%	0.018	NEG	0.045	NEG
Particles >4µm		19795	14749	189441	3749
Particles >6µm		4997	3222	74691	250
Particles >14µm		383	120	5258	15
ISO 4406:1999 (c)		21/19/16	21/19/14	25/23/20	19/15/11
Silicon	ppm	<1	<1	2	2
Sodium	ppm	1	<1	1	1
Potassium	ppm	1	4	1	1

### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The water content is negligible. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.



### Wear Metals

Iron	ppm	10	<1	9	6
Copper	ppm	4	0	3	2
Lead	ppm	6	0	5	4
Tin	ppm	0	0	<1	<1
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	5	0	3	2
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



### Additives

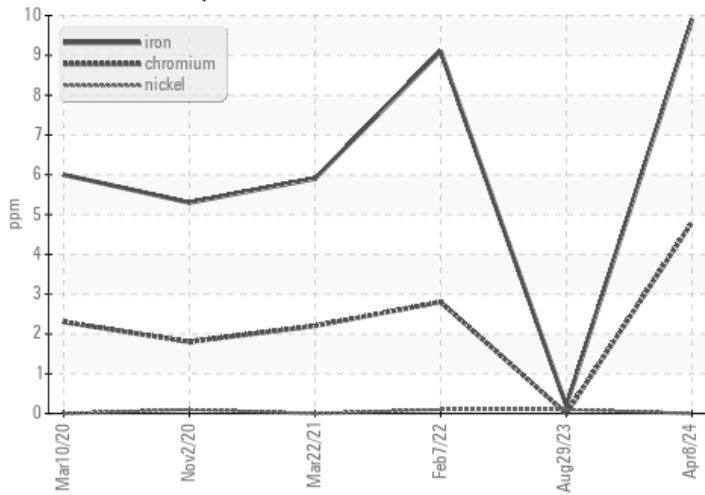
Calcium	ppm	1061	101	1096	1204
Magnesium	ppm	6	<1	6	6
Zinc	ppm	673	835	704	721
Phosphorus	ppm	551	676	587	587
Barium	ppm	0	0	0	<1
Boron	ppm	<1	0	<1	<1

Depot: GRE224WOO  
Unique No: 5760847  
Signed: Wes Davis  
Report Date: 10 Apr 2024

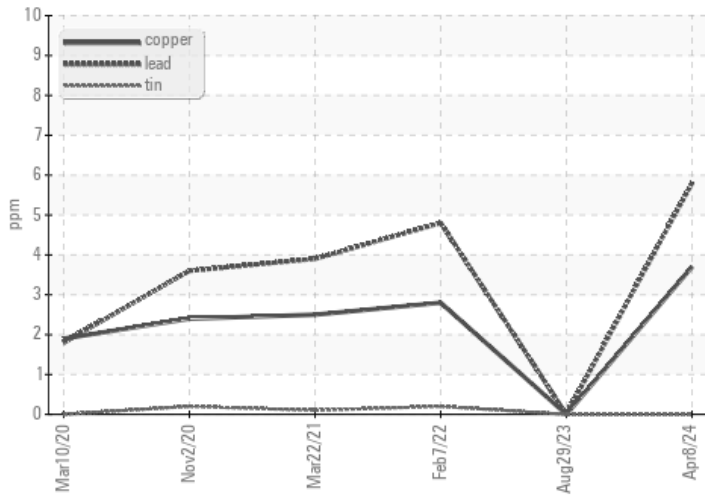


### Graphs

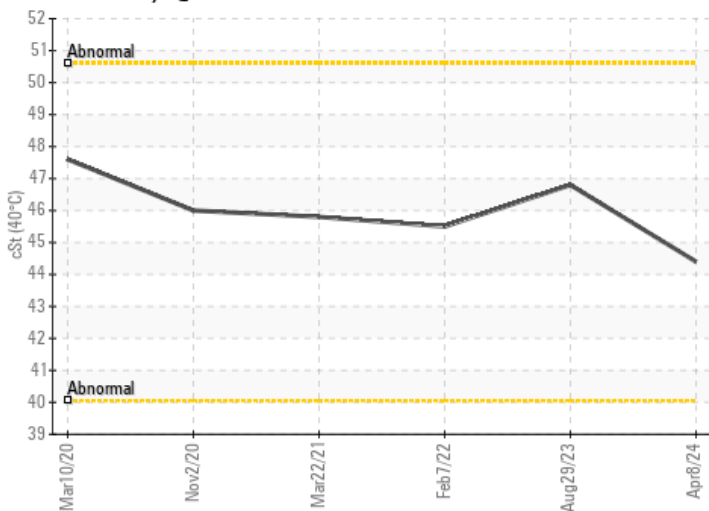
#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C



#### Particle Count

