

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L550 73916 - Hydraulic System

Sample No: LH0277536

Oil Type: {unknown}



#### SAMPLE INFORMATION

Sample Number	LH0277536	LH0277822	LH0270426	---
Sample Date	21 Jan 2024	27 Nov 2023	17 Sep 2023	---
Machine Hours	1515	1059	583	---
Oil Hours	0	0	0	---
Oil Changed	N/A	Not Changd	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

#### LIEBHERR CANADA LTD.

1015 SUTTON DRIVE  
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#### OIL CONDITION

Visc @ 40°C	cSt	46.6	44.9	45.6	---



#### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Particles >4µm		4718	10200	5978	---
Particles >6µm		854	1183	1462	---
Particles >14µm		29	33	260	---
ISO 4406:1999 (c)		19/17/12	21/17/12	20/18/15	---
Silicon	ppm	<1	3	3	---
Sodium	ppm	0	2	1	---
Potassium	ppm	<1	<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 system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.



#### WEAR METALS

Iron	ppm	0	3	3	---
Copper	ppm	0	3	2	---
Lead	ppm	0	3	2	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	1	<1	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	0	0	0	---
Vanadium	ppm	0	0	0	---



#### ADDITIVES

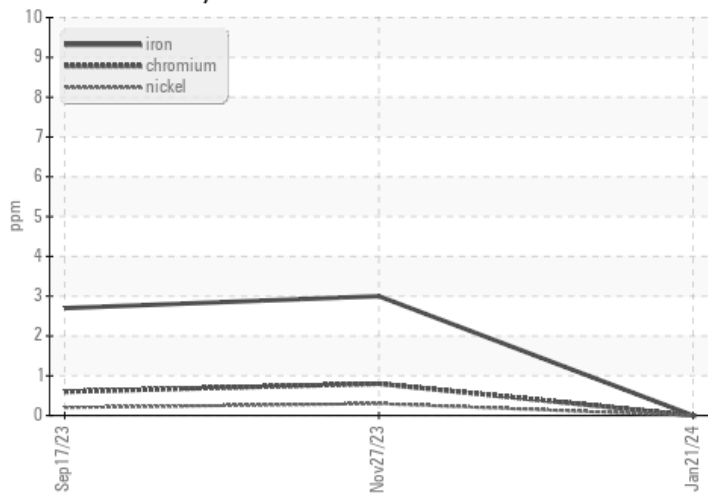
Calcium	ppm	103	1323	1318	---
Magnesium	ppm	<1	4	4	---
Zinc	ppm	840	693	703	---
Phosphorus	ppm	659	614	659	---
Barium	ppm	0	<1	0	---
Boron	ppm	0	<1	<1	---

Depot: LIEMIS  
Unique No: 5711403  
Signed: Wes Davis  
Report Date: 23 Jan 2024

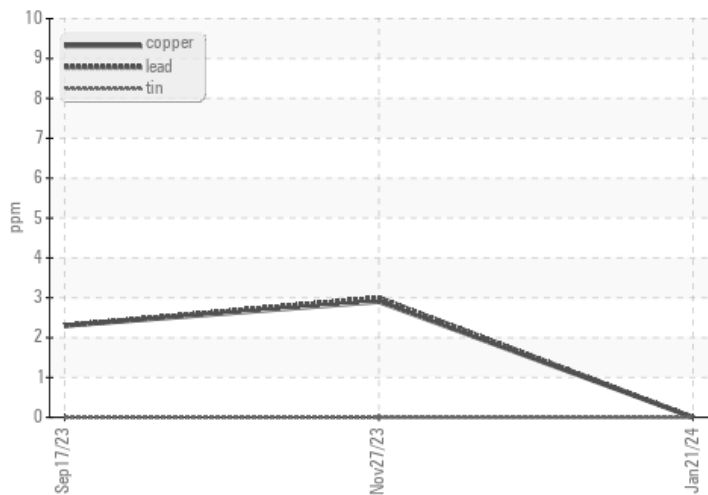


### GRAPHS

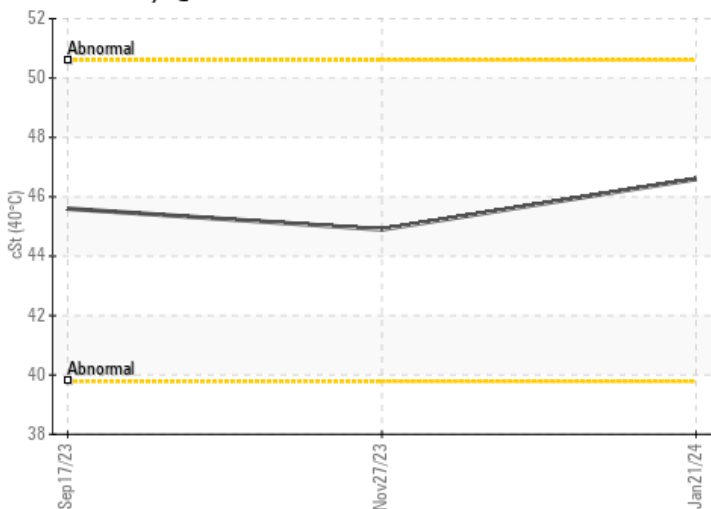
#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C



#### Particle Count

