

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L538P 063547-1754 - Hydraulic System

Sample No: LH0269562

Oil Type: NOT GIVEN

HEFLER FOREST PRODUCTS - 4325842 NS LTD.  
230 LUCASVILLE RD.  
LOWER SACKVILLE, NS  
CA B4B 1S1  
Contact: Service Manager

T:  
F:

#### 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.



## SAMPLE INFORMATION

Sample Number	LH0269562	---	---	---
Sample Date	28 Jul 2023	---	---	---
Machine Hours	1175	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	● 43.9	---	---	---
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## CONTAMINATION

Particles >4µm		● 12937	---	---	---
Particles >6µm		● 308	---	---	---
Particles >14µm		● 21	---	---	---
ISO 4406:1999 (c)		21/15/12	---	---	---
Silicon	ppm	● 3	---	---	---
Sodium	ppm	● <1	---	---	---
Potassium	ppm	● 1	---	---	---



## WEAR METALS

Iron	ppm	● 10	---	---	---
Copper	ppm	● 3	---	---	---
Lead	ppm	● 2	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● 1	---	---	---
Chromium	ppm	● 1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

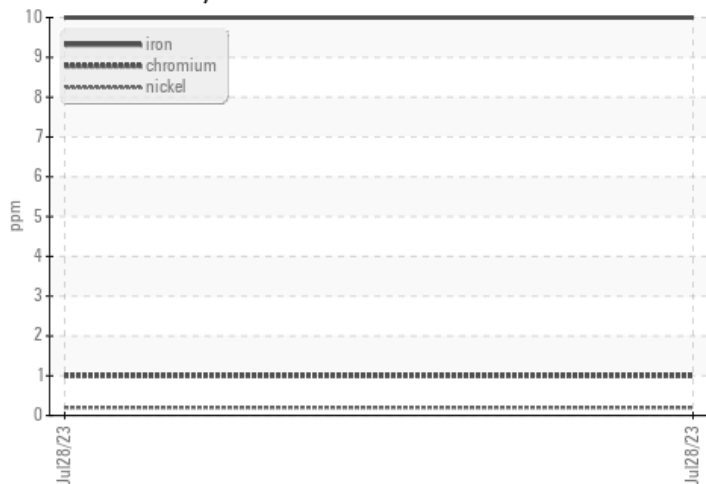
Calcium	ppm	1064	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	717	---	---	---
Phosphorus	ppm	656	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	<1	---	---	---

Depot: HEFLOW  
 Unique No: 5618538  
 Signed: Kevin Marson  
 Report Date: 03 Aug 2023

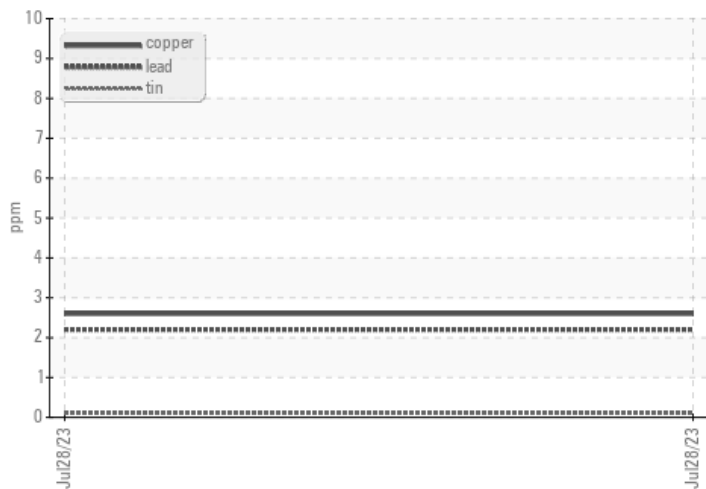


### GRAPHS

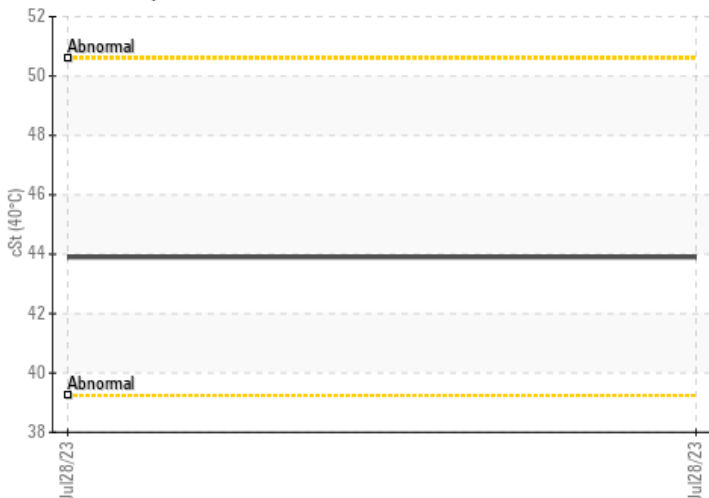
#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C



Particle Filter (Magn: 100 x)

