

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [PACESETTER] LIEBHERR L566 48961 - Hydraulic System

Sample No: LH0281019

Oil Type: {unknown}



**LIEBHERR CANADA LTD.**  
 1015 SUTTON DRIVE  
 BURLINGTON, ON  
 CA L7L 5Z8  
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 T: (905)319-9222  
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#### Sample Information

Sample Number	LH0281019	---	---	---
Sample Date	02 Jul 2024	---	---	---
Machine Hours	5901	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---



#### Oil Condition

Visc @ 40°C	cSt	50.3	---	---	---
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#### Contamination

Water	%	NEG	---	---	---
Particles >4µm		74119	---	---	---
Particles >6µm		7174	---	---	---
Particles >14µm		34	---	---	---
ISO 4406:1999 (c)		23/20/12	---	---	---
Silicon	ppm	4	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	2	---	---	---



#### Wear Metals

PQ		0	---	---	---
Iron	ppm	23	---	---	---
Copper	ppm	6	---	---	---
Lead	ppm	9	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	4	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



#### Additives

Calcium	ppm	1616	---	---	---
Magnesium	ppm	14	---	---	---
Zinc	ppm	441	---	---	---
Phosphorus	ppm	564	---	---	---
Barium	ppm	25	---	---	---
Boron	ppm	21	---	---	---

#### Diagnosis

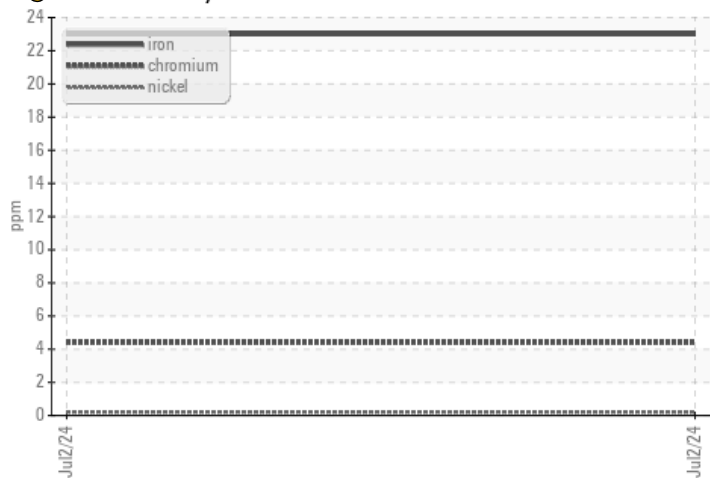
We recommend you service the filters on this component. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. Iron ppm levels are abnormal. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

**Depot:** LIEMIS  
**Unique No:** 5814255  
**Signed:** Kevin Marson  
**Report Date:** 19 Jul 2024

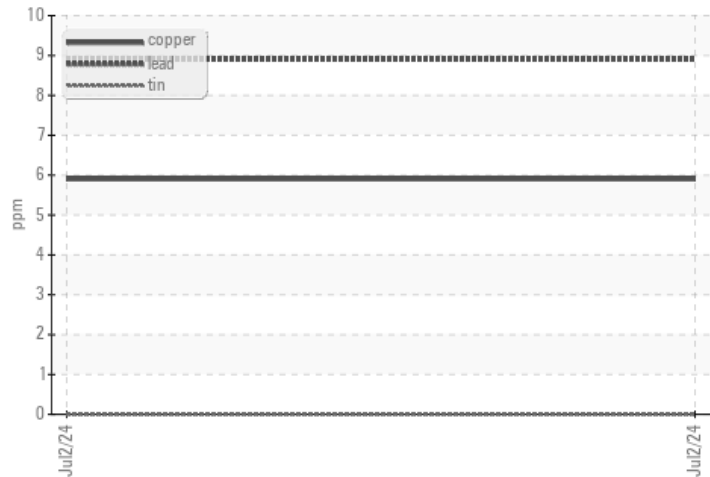


### Graphs

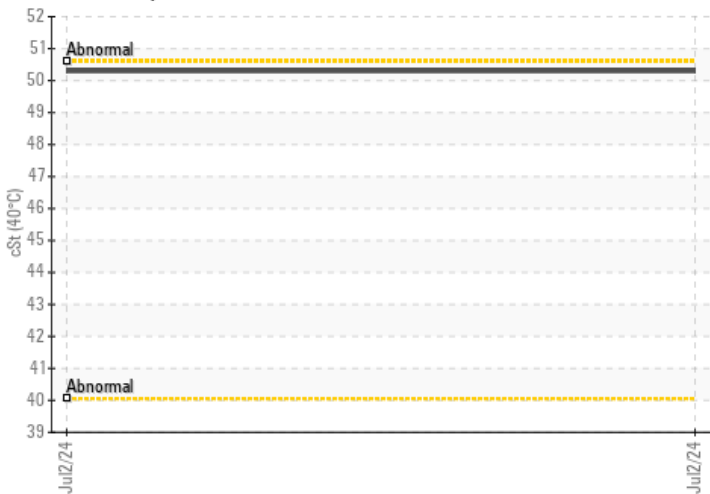
#### ● Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C



#### ● Particle Count

