

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50 146311 - Hydraulic System

Sample No: LH0289468

Oil Type: {unknown}



LIEBHERR CANADA LTD.
 1015 SUTTON DRIVE
 BURLINGTON, ON
 CA L7L 5Z8
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Sample Information

Sample Number	LH0289468	---	---	---
Sample Date	02 May 2024	---	---	---
Machine Hours	699	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---



Oil Condition

Visc @ 40°C	cSt	● 43.7	---	---	---
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Contamination

Water	%	NEG	---	---	---
Particles >4µm		● 3024	---	---	---
Particles >6µm		● 601	---	---	---
Particles >14µm		● 31	---	---	---
ISO 4406:1999 (c)		19/16/12	---	---	---
Silicon	ppm	● 2	---	---	---
Sodium	ppm	● <1	---	---	---
Potassium	ppm	● <1	---	---	---



Wear Metals

Iron	ppm	● 9	---	---	---
Copper	ppm	● 2	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 0	---	---	---
Vanadium	ppm	● 0	---	---	---



Additives

Calcium	ppm	1051	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	733	---	---	---
Phosphorus	ppm	626	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	<1	---	---	---

Diagnosis

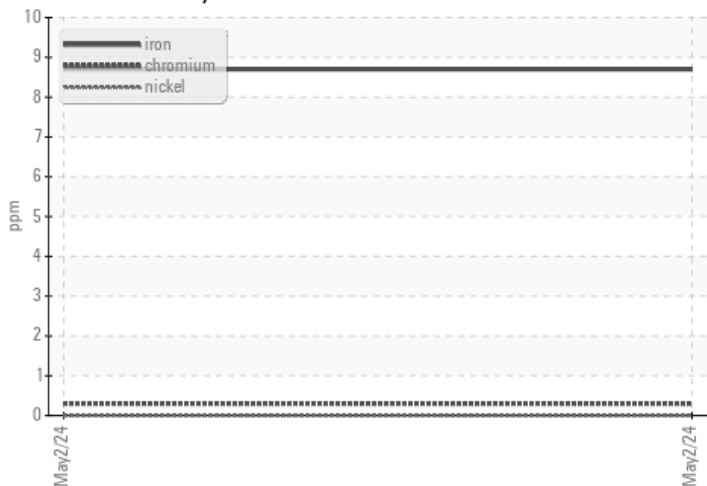
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition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

Depot: LIEMIS
 Unique No: 5774332
 Signed: Wes Davis
 Report Date: 06 May 2024

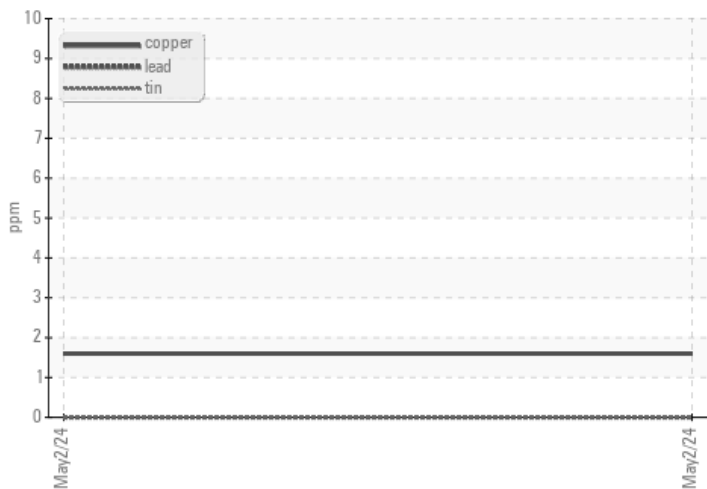


Graphs

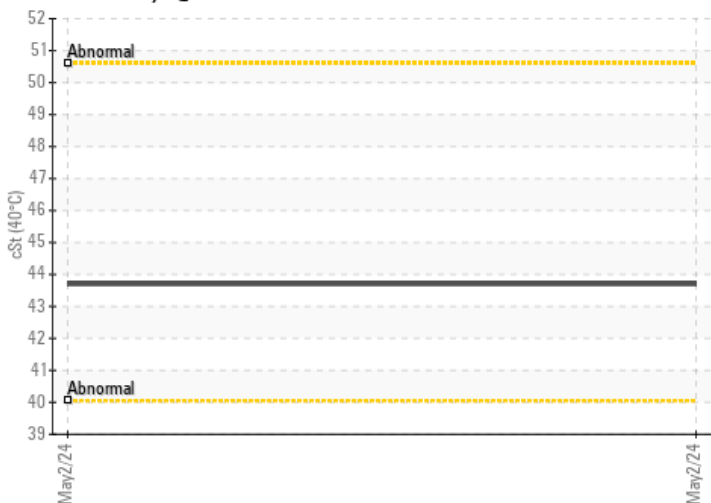
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

