

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50 147180 - Hydraulic System

Sample No: LH0274834

Oil Type: NOT GIVEN



LIEBHERR CANADA LTD.
 1015 SUTTON DRIVE
 BURLINGTON, ON
 CA L7L 5Z8
 Contact: Joseph Rodgers
 joseph.rodgers@liebherr.com
 T: (905)319-9222
 F: (905)319-6622



SAMPLE INFORMATION

Sample Number	LH0274834	---	---	---
Sample Date	04 Oct 2023	---	---	---
Machine Hours	512	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ATTENTION	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 44.4	---	---	---
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CONTAMINATION

Particles >4µm		● 21771	---	---	---
Particles >6µm		● 3654	---	---	---
Particles >14µm		● 157	---	---	---
ISO 4406:1999 (c)		22/19/14	---	---	---
Silicon	ppm	● 5	---	---	---
Sodium	ppm	● 1	---	---	---
Potassium	ppm	● <1	---	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	1343	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	711	---	---	---
Phosphorus	ppm	625	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	1	---	---	---

Diagnosis

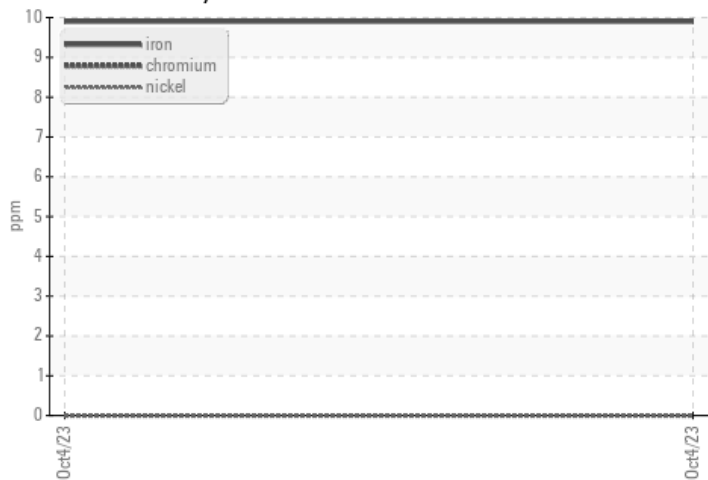
We recommend you service the filters on this component. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The condition of the oil is acceptable for the time in service.

Depot: LIEMIS
 Unique No: 5656264
 Signed: Wes Davis
 Report Date: 06 Oct 2023

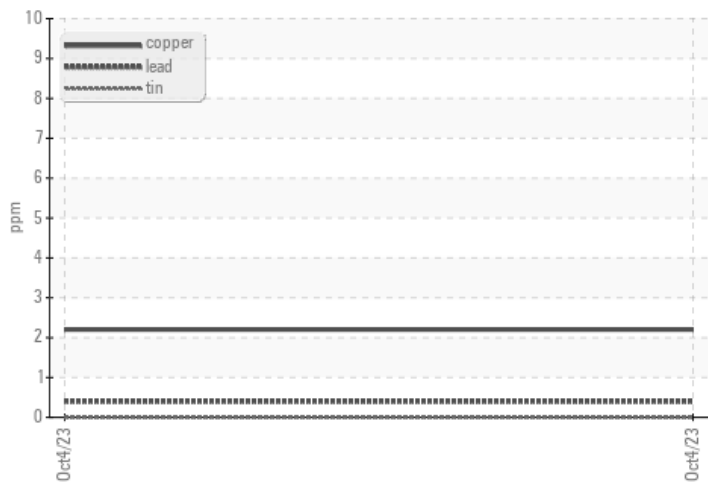


GRAPHS

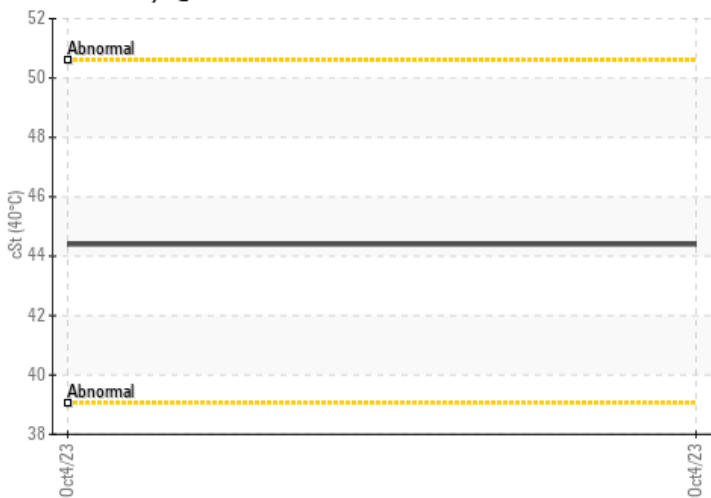
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

