

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50 117095-1216 - Hydraulic System

Sample No: LH06072227

Oil Type: {unknown}



RECO EQUIPMENT INC.
 1615 JP HENESSY DRIVE
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 US 37086
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SAMPLE INFORMATION

Sample Number	LH06072227	---	---	---
Sample Date	18 Dec 2023	---	---	---
Machine Hours	8371	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 42.2	---	---	---
Acid Number (AN)	mg KOH/g	● 0.701	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		● 3502	---	---	---
Particles >6µm		● 892	---	---	---
Particles >14µm		● 71	---	---	---
ISO 4406:1999 (c)		19/17/13	---	---	---
Silicon	ppm	● 3	---	---	---
Sodium	ppm	● 1	---	---	---
Potassium	ppm	● 1	---	---	---



WEAR METALS

Iron	ppm	● 36	---	---	---
Copper	ppm	● 5	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	749	---	---	---
Magnesium	ppm	5	---	---	---
Zinc	ppm	583	---	---	---
Phosphorus	ppm	453	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

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 AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: RECLAV
Unique No: 10848904
Signed: Wes Davis
Report Date: 29 Jan 2024

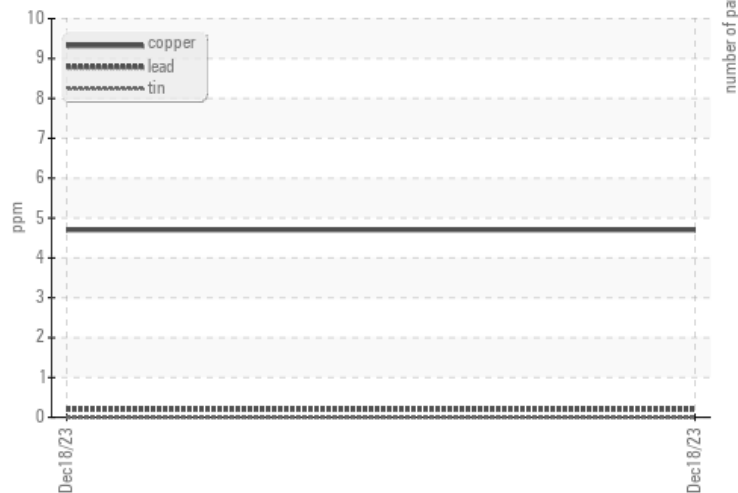


GRAPHS

Ferrous Alloys



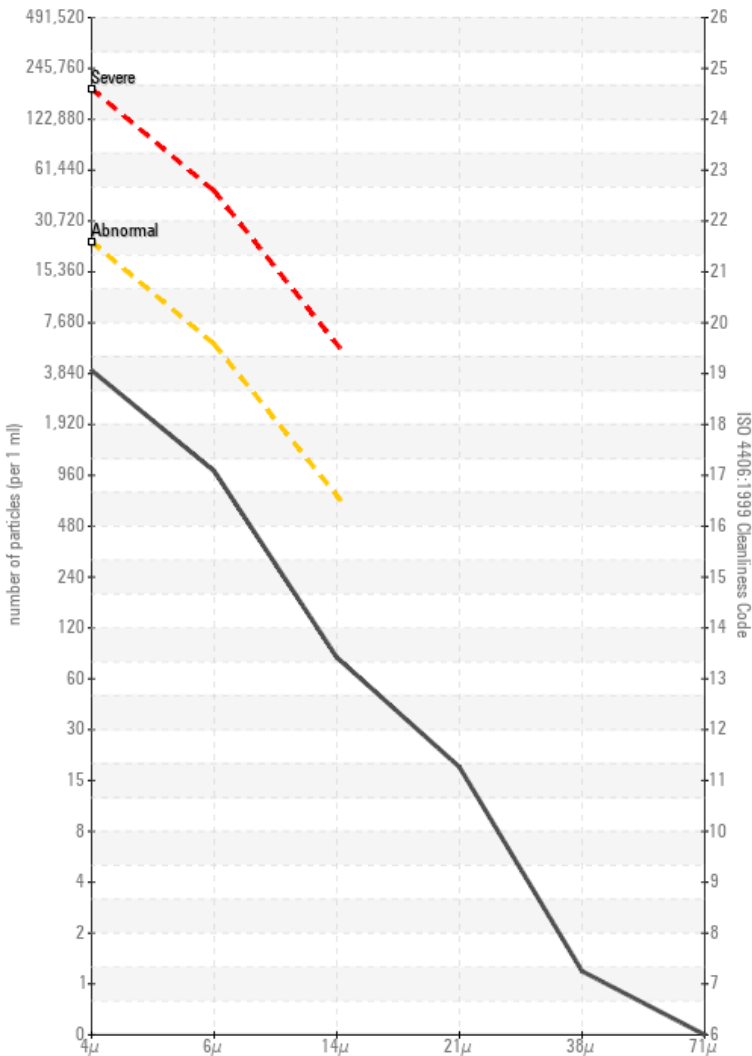
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

