

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L566 1484-43333 - Hydraulic System

Sample No: LH0263647

Oil Type: {unknown}



SAMPLE INFORMATION

Sample Number	LH0263647	---	---	---
Sample Date	05 Jan 2024	---	---	---
Machine Hours	5062	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

FINKBINER EQUIPMENT

3501 N. MAIN ST
EAST PEORIA, IL
US 61611
Contact: Mike Plummer
mplummer@finkbiner.com
T:
F:



OIL CONDITION

Visc @ 40°C	cSt	44.0	---	---	---
Acid Number (AN)	mg KOH/g	0.64	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		55843	---	---	---
Particles >6µm		2021	---	---	---
Particles >14µm		109	---	---	---
ISO 4406:1999 (c)		23/18/14	---	---	---
Silicon	ppm	3	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	0	---	---	---

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. All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.



WEAR METALS

Iron	ppm	7	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	2	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	0	---	---	---
Chromium	ppm	7	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

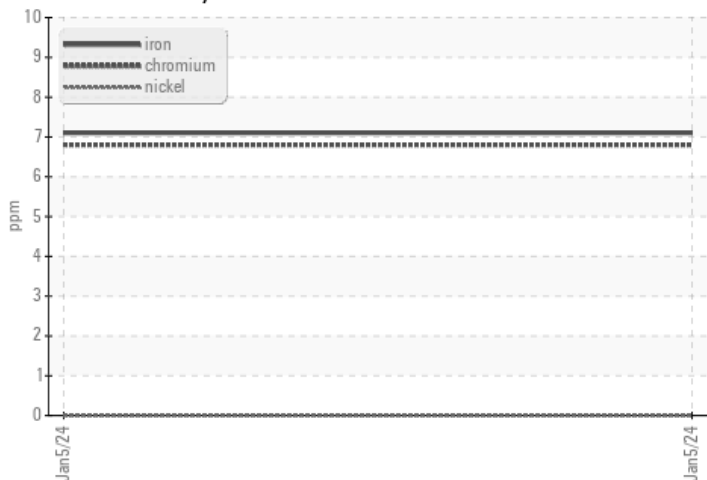
Calcium	ppm	524	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	484	---	---	---
Phosphorus	ppm	401	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: FINEASIL
Unique No: 10830621
Signed: Wes Davis
Report Date: 15 Jan 2024

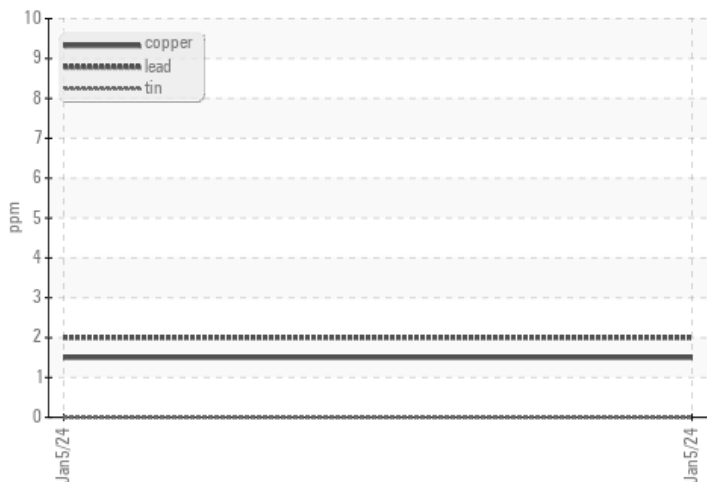


GRAPHS

Ferrous Alloys



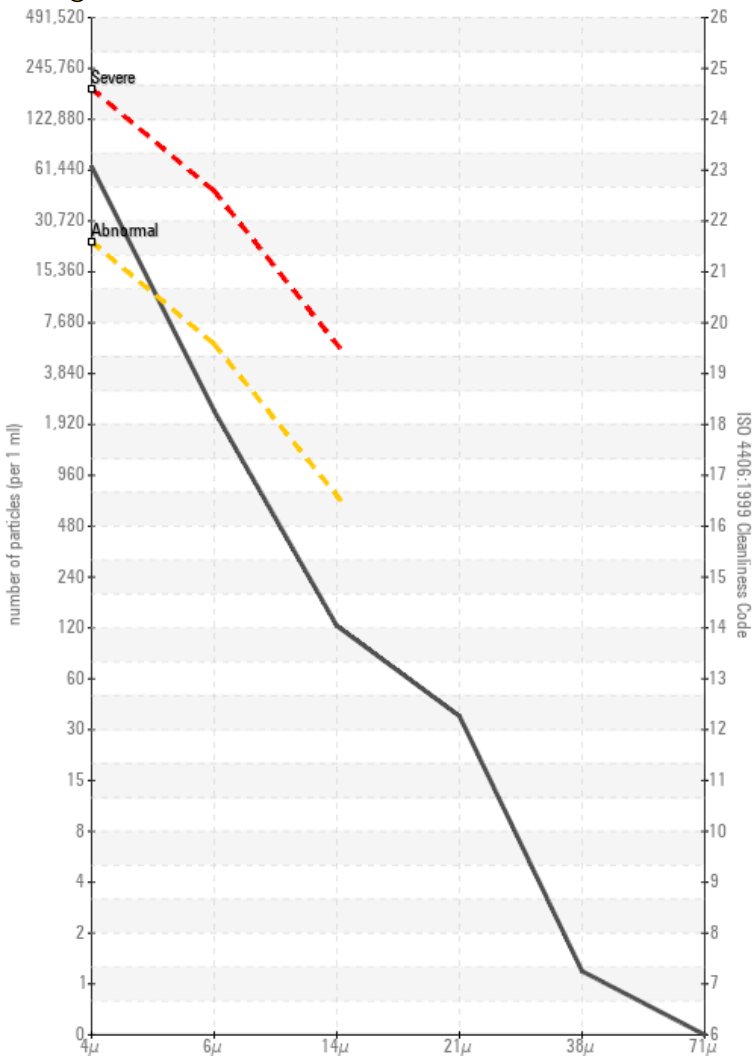
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

