

LIEBHERR

CONSTRUCTION EQUIPMENT



[[JOPPA SALVAGE DIRTY]] LIEBHERR LH30M 145568-1253 -Hydrauli

Sample No: LH0254756

Oil Type: {unknown}



LIEBHERR EQUIPMENT SOURCE

6940 OCONNOR CAVE
HANOVER, MD
US 21076

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SAMPLE INFORMATION

Sample Number	LH0254756	LH0254757	---	---
Sample Date	09 Mar 2024	08 Mar 2024	---	---
Machine Hours	634	634	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	43.5	43.7	---	---
Acid Number (AN)	mg KOH/g	0.82	0.82	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		5279	5002	---	---
Particles >6µm		1566	993	---	---
Particles >14µm		111	100	---	---
ISO 4406:1999 (c)		20/18/14	20/17/14	---	---
Silicon	ppm	2	2	---	---
Sodium	ppm	4	4	---	---
Potassium	ppm	<1	0	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	525	546	---	---
Magnesium	ppm	71	69	---	---
Zinc	ppm	552	553	---	---
Phosphorus	ppm	457	460	---	---
Barium	ppm	0	0	---	---
Boron	ppm	0	0	---	---

Diagnosis

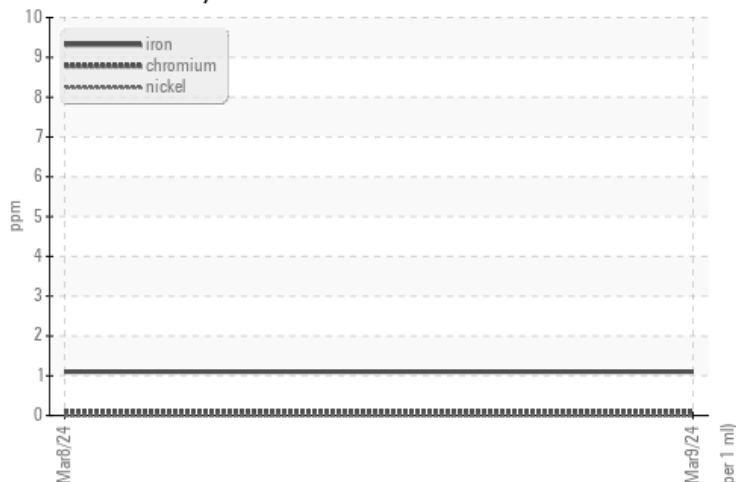
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level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

Depot: LIEBHERRMD
Unique No: 10929631
Signed: Wes Davis
Report Date: 19 Mar 2024

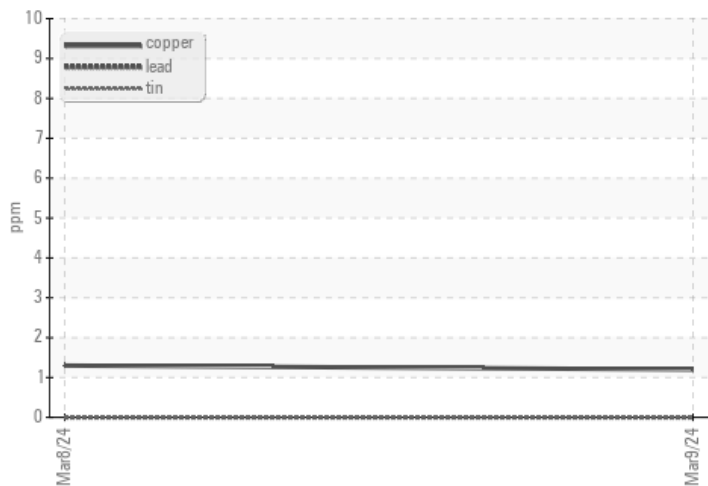


GRAPHS

Ferrous Alloys



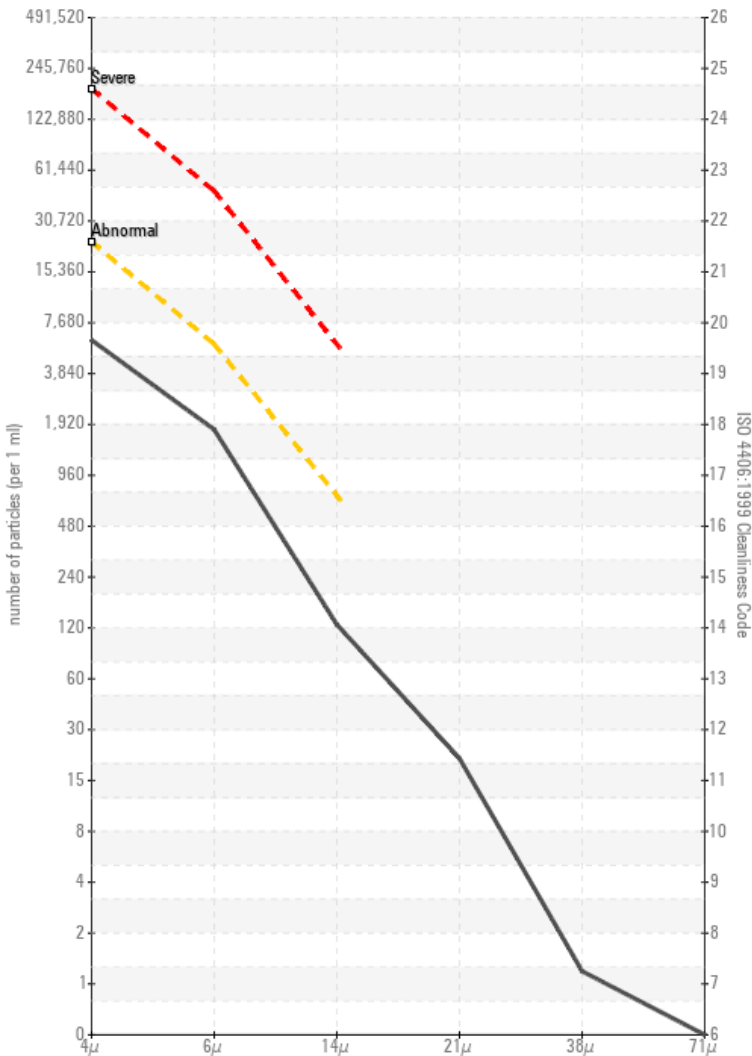
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

