

LIEBHERR

CONSTRUCTION EQUIPMENT



[[SCHNITZER STEEL]] LIEBHERR LH30M 137421-1253 - Hydraulic

Sample No: LHMC130910

Oil Type: MV-46



RECO EQUIPMENT INC
 8075 PRODUCTION DRIVE
 FLORENCE, KY
 US 41042
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SAMPLE INFORMATION

Sample Number	LHMC130910	---	---	---
Sample Date	22 Feb 2024	---	---	---
Machine Hours	4059	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	43.0	---	---	---
Acid Number (AN)	mg KOH/g	0.88	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		1881	---	---	---
Particles >6µm		325	---	---	---
Particles >14µm		16	---	---	---
ISO 4406:1999 (c)		18/16/11	---	---	---
Silicon	ppm	3	---	---	---
Sodium	ppm	5	---	---	---
Potassium	ppm	0	---	---	---



WEAR METALS

Iron	ppm	11	---	---	---
Copper	ppm	11	---	---	---
Lead	ppm	<1	---	---	---
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	<1	---	---	---



ADDITIVES

Calcium	ppm	1099	---	---	---
Magnesium	ppm	3	---	---	---
Zinc	ppm	623	---	---	---
Phosphorus	ppm	501	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Diagnosis

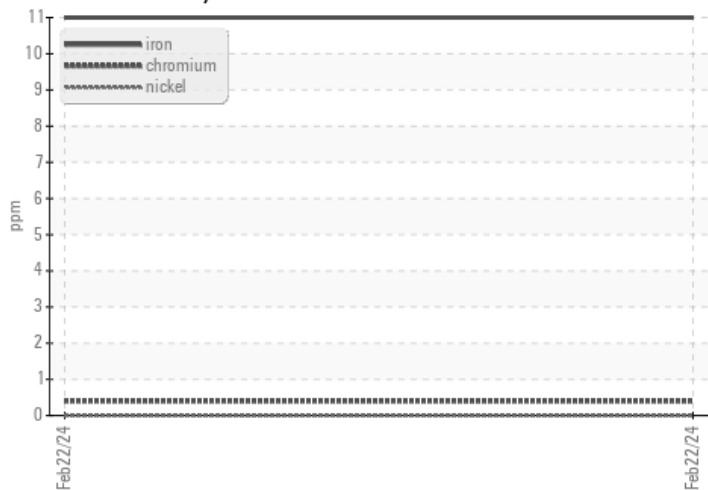
Resample at the next service interval to monitor. All component wear rates are normal. The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: LEC0082
Unique No: 10903360
Signed: Don Baldrige
Report Date: 04 Mar 2024

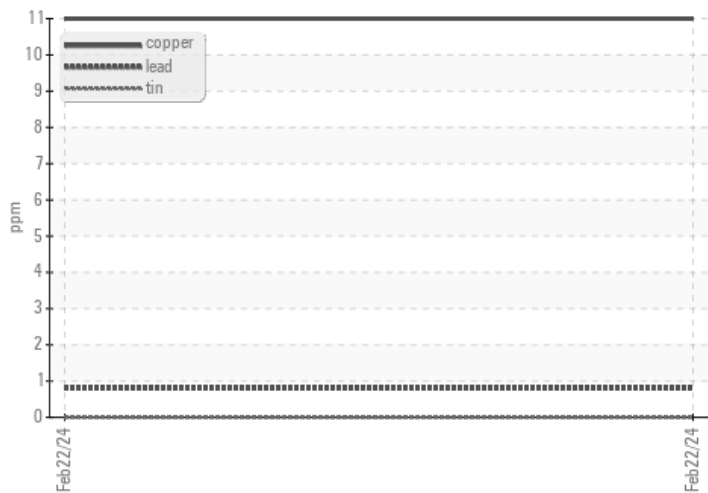


GRAPHS

Ferrous Alloys



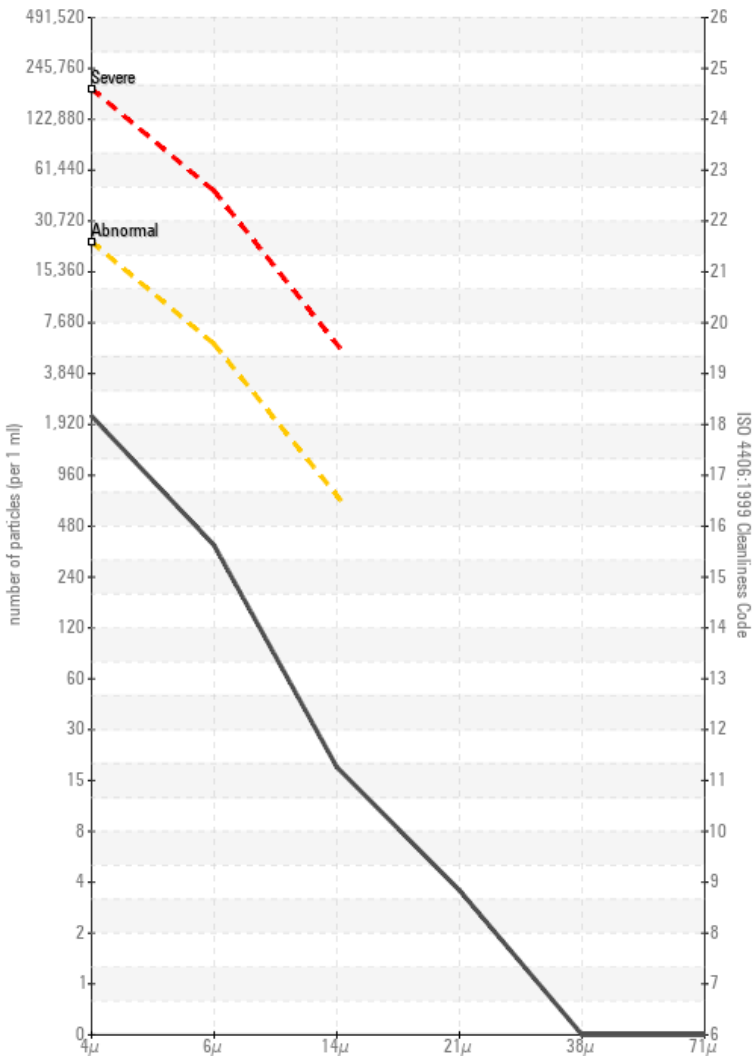
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

