

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 139870-1253 - Hydraulic System

Sample No: LHMC91090

Oil Type: LB ISO 46



RECO EQUIPMENT INC.
 20620 ROUTE 19 NORTH
 CRANBERRY TOWNSHIP, PA
 US 16066
 Contact: RICK STARINCHAK
 RAS@RECOEQUIP.COM
 T: (724)779-4646
 F: (724)779-4611



SAMPLE INFORMATION

Sample Number	LHMC91090	---	---	---
Sample Date	20 Oct 2023	---	---	---
Machine Hours	2015	---	---	---
Oil Hours	2015	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	51.6	---	---	---
Acid Number (AN)	mg KOH/g	0.81	---	---	---



CONTAMINATION

Particles >4µm		60363	---	---	---
Particles >6µm		16729	---	---	---
Particles >14µm		1080	---	---	---
ISO 4406:1999 (c)		23/21/17	---	---	---
Silicon	ppm	5	---	---	---
Sodium	ppm	4	---	---	---
Potassium	ppm	4	---	---	---



WEAR METALS

Iron	ppm	15	---	---	---
Copper	ppm	6	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	1	---	---	---
Molybdenum	ppm	10	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1258	---	---	---
Magnesium	ppm	44	---	---	---
Zinc	ppm	593	---	---	---
Phosphorus	ppm	461	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	21	---	---	---

Diagnosis

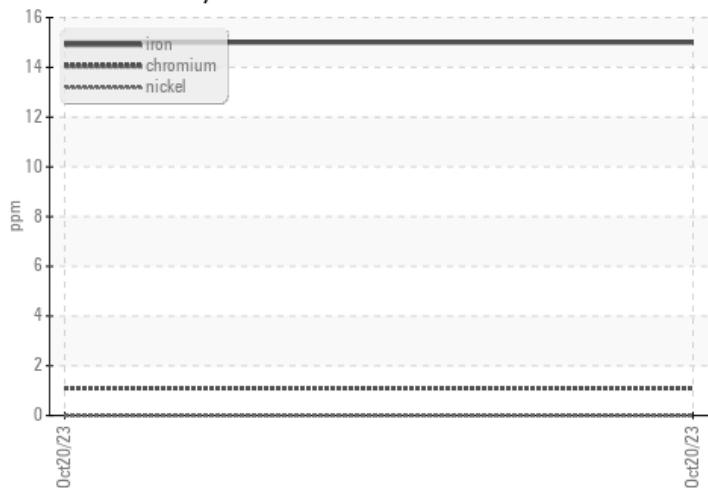
No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a high amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: LEC0070
Unique No: 10713706
Signed: Don Baldrige
Report Date: 30 Oct 2023

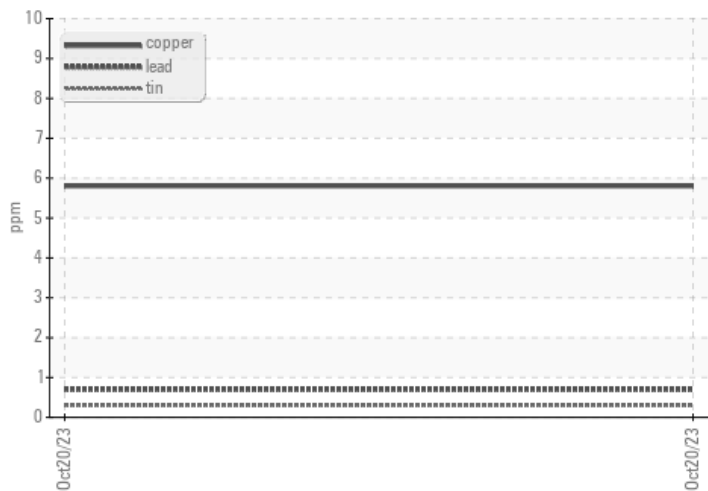


GRAPHS

Ferrous Alloys



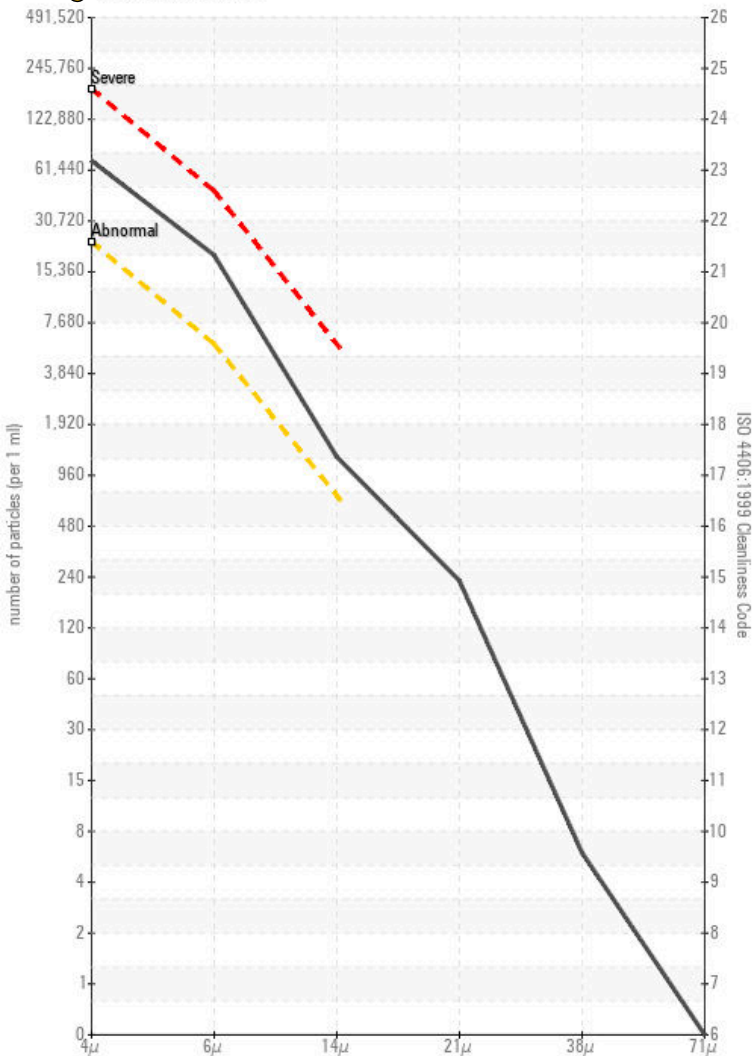
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

