

LIEBHERR

CONSTRUCTION EQUIPMENT



[[US GYPSUM]] LIEBHERR L566 071890-1758 - Hydraulic Syst

Sample No: LH0217102

Oil Type: LIEBHERR HYDRAULIC HVI



Sample Information

Sample Number	LH0217102	---	---	---
Sample Date	23 Apr 2024	---	---	---
Machine Hours	3662	---	---	---
Oil Hours	3662	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

NUECES POWER EQUIPMENT

7333 MONROE RD

HOUSTON, TX

US 77061

Contact: Keith Frischenmeyer

keith@npetex.com

T: (713)247-0066

F: (713)636-4039



Oil Condition

Visc @ 40°C	cSt	44.5	---	---	---
Acid Number (AN)	mg KOH/g	1.27	---	---	---



Contamination

Water	%	NEG	---	---	---
Particles >4µm		6726	---	---	---
Particles >6µm		246	---	---	---
Particles >14µm		7	---	---	---
ISO 4406:1999 (c)		20/15/10	---	---	---
Silicon	ppm	4	---	---	---
Sodium	ppm	0	---	---	---
Potassium	ppm	2	---	---	---

Diagnosis

Resample at the next service interval to monitor. 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.



Wear Metals

Iron	ppm	11	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	3	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	<1	---	---	---



Additives

Calcium	ppm	1321	---	---	---
Magnesium	ppm	8	---	---	---
Zinc	ppm	703	---	---	---
Phosphorus	ppm	633	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: LIEBHERRTX

Unique No: 11021438

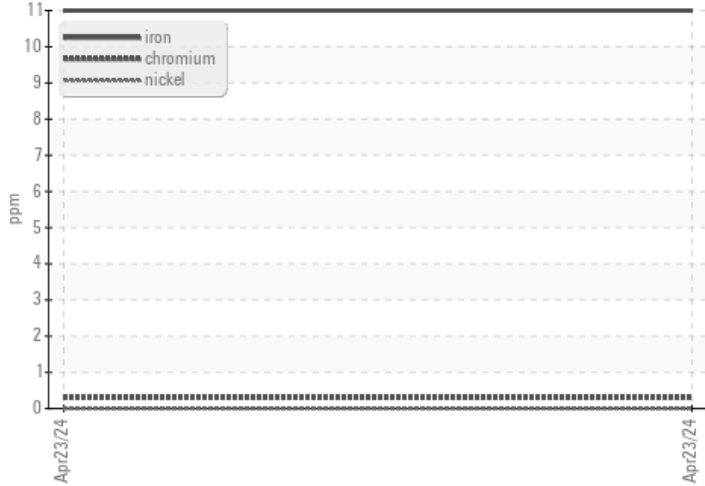
Signed: Wes Davis

Report Date: 13 May 2024

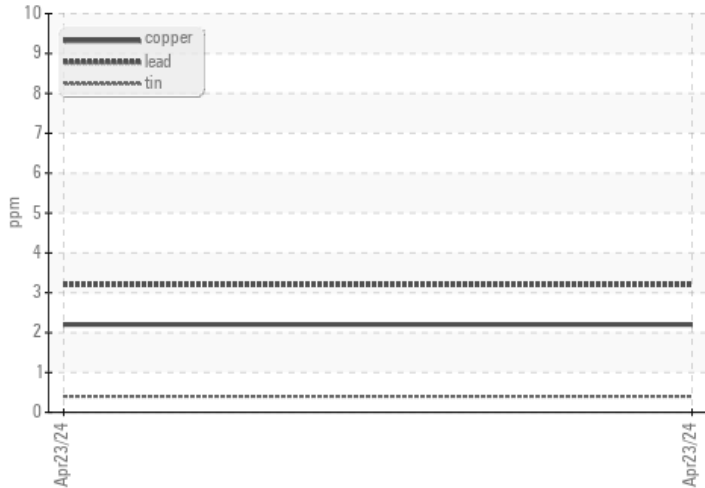


Graphs

Ferrous Alloys



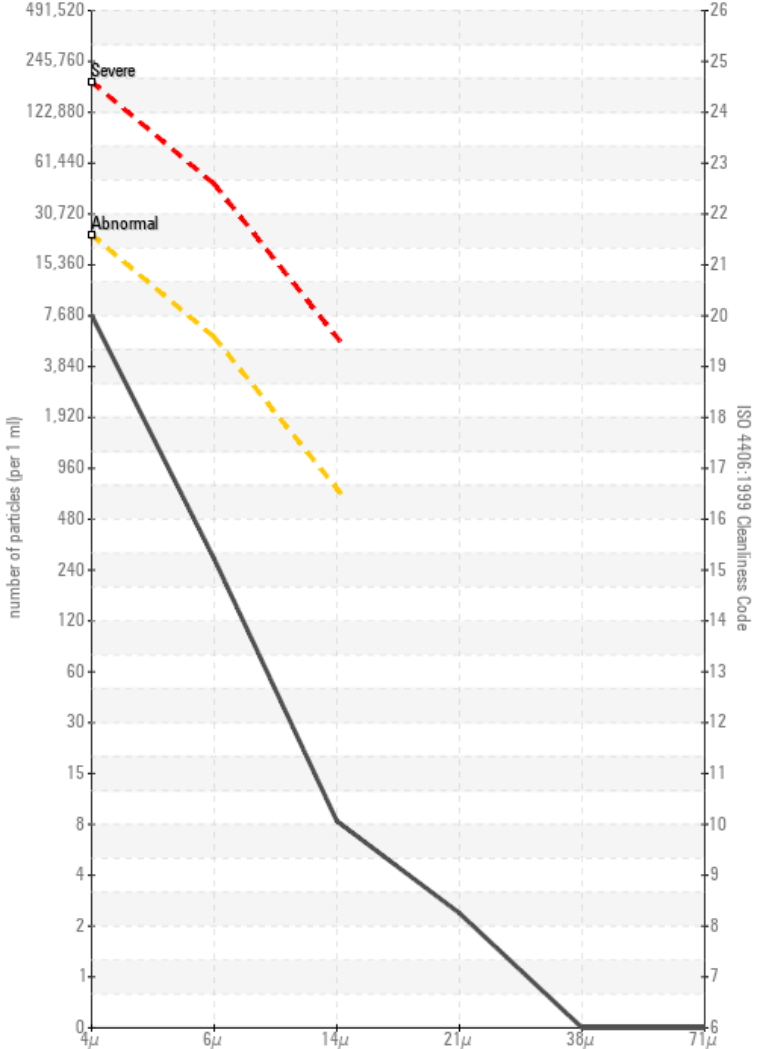
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

