LIEBHERR
CONSTRUCTION EQUIPMENT

[[TANK]] NOT GIVEN LH0236073 (S/N NO INFO ON SIF/BOTTLE) - Hydraul

Sample No: LH0236073

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number		**LH0236073**	---	---	---
Sample Date		**28 Mar 2024**	---	---	---
Machine Hours		**0**	---	---	---
Oil Hours		**0**	---	---	---
Oil Changed		**N/A**	---	---	---
Sample Status		**NORMAL**	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	**35.5**	---	---	---
Acid Number (AN)	mg KOH/g	**0.31**	---	---	---

CONTAMINATION

Water	%	**NEG**	---	---	---
Particles >4µm		**854**	---	---	---
Particles >6µm		**95**	---	---	---
Particles >14µm		**14**	---	---	---
ISO 4406:1999 (c)		**17/14/11**	---	---	---
Silicon	ppm	**<1**	---	---	---
Sodium	ppm	**0**	---	---	---
Potassium	ppm	**1**	---	---	---

WEAR METALS

Iron	ppm	**0**	---	---	---
Copper	ppm	**9**	---	---	---
Lead	ppm	**1**	---	---	---
Tin	ppm	**<1**	---	---	---
Aluminum	ppm	**3**	---	---	---
Chromium	ppm	**<1**	---	---	---
Molybdenum	ppm	**0**	---	---	---
Nickel	ppm	**0**	---	---	---
Titanium	ppm	**<1**	---	---	---
Silver	ppm	**0**	---	---	---
Manganese	ppm	**0**	---	---	---
Vanadium	ppm	**<1**	---	---	---

ADDITIVES

Calcium	ppm	**26**	---	---	---
Magnesium	ppm	**4**	---	---	---
Zinc	ppm	**265**	---	---	---
Phosphorus	ppm	**254**	---	---	---
Barium	ppm	**<1**	---	---	---
Boron	ppm	**0**	---	---	---

LIEBHERR EQUIPMENT SOURCE
4100 CHESTNUT AVENUE
NEWPORT NEWS, VA
US 23607
Contact: LUKE APPLEBY
Lucas.Appleby@liebherr.com
T:
F: (757)298-8700

Diagnosis

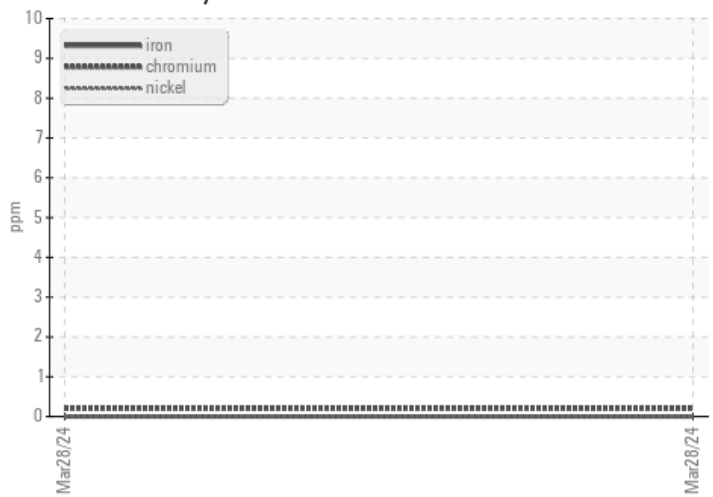
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.All component wear rates are normal. There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable. The AN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

Depot: LIEBHERRUS
Unique No: 10952652
Signed: Jonathan Hester
Report Date: 03 Apr 2024

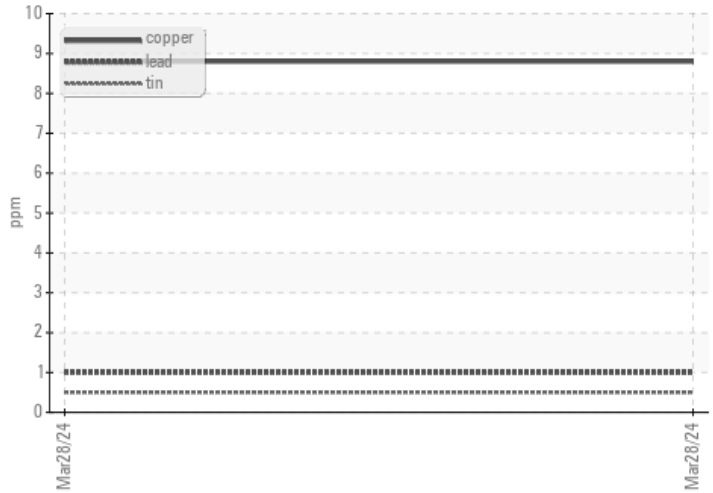
LIEBHERR
CONSTRUCTION EQUIPMENT

GRAPHS

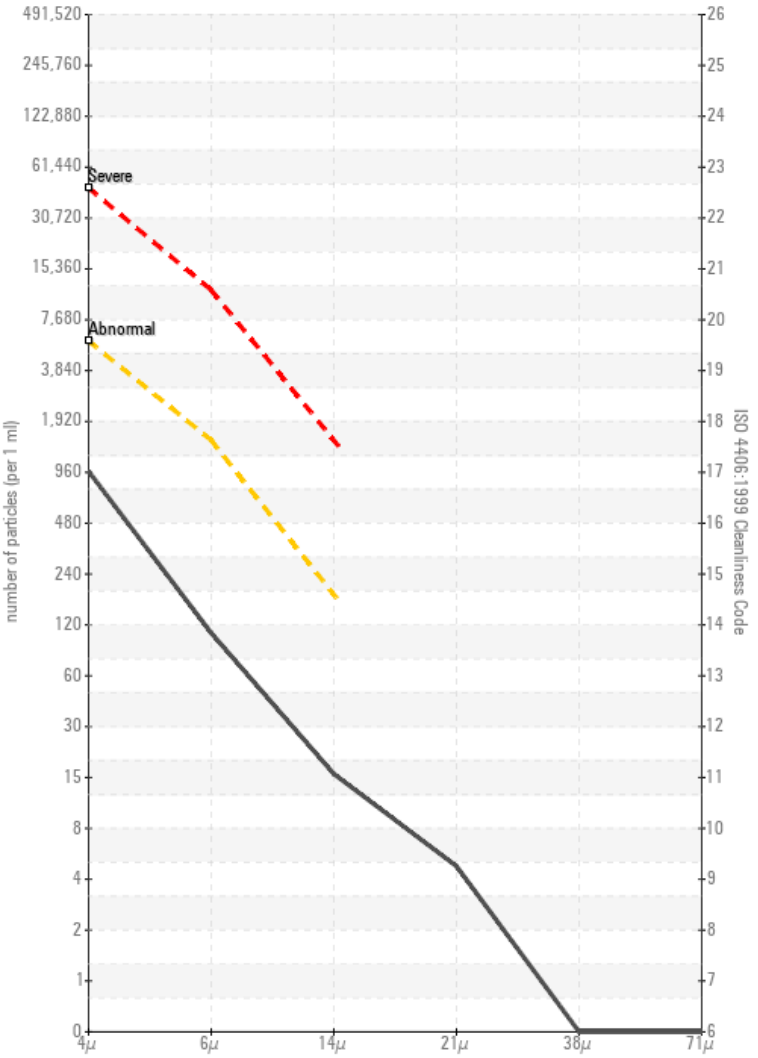
Ferrous Alloys



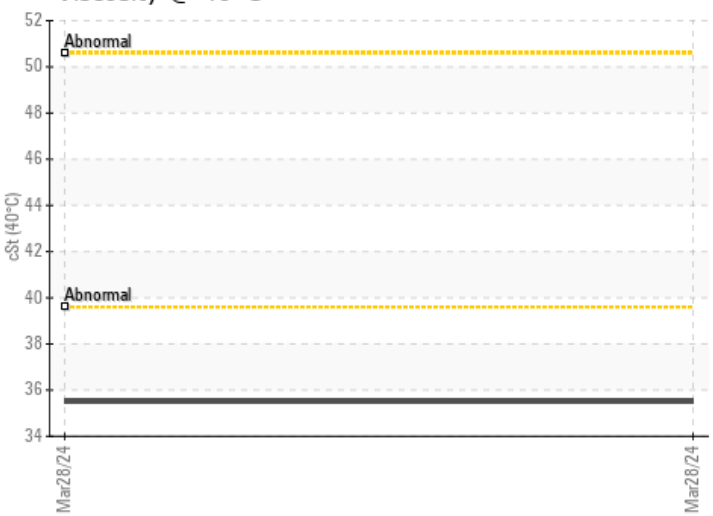
Non-ferrous Metals



Particle Count



Viscosity @ 40°C



Acid Number