

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L550 1825-67138 - Hydraulic System

Sample No: LH0262933
 Oil Type: NOT GIVEN



O'NEIL CONSTRUCTION
 R.R. #1
 BOBCAYGON, ON
 CA K0M 1A0
 Contact: WM O'NEIL

T: (705)738-3687
 F: (705)738-5531

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.



SAMPLE INFORMATION

Sample Number	LH0262933	---	---	---
Sample Date	28 Aug 2023	---	---	---
Machine Hours	2391	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	43.7	---	---	---
Acid Number (AN)	mg KOH/g	0.91	---	---	---



CONTAMINATION

Particles >4µm		14730	---	---	---
Particles >6µm		1059	---	---	---
Particles >14µm		49	---	---	---
ISO 4406:1999 (c)		21/17/13	---	---	---
Silicon	ppm	4	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	0	---	---	---



WEAR METALS

Iron	ppm	4	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	3	---	---	---
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	0	---	---	---



ADDITIVES

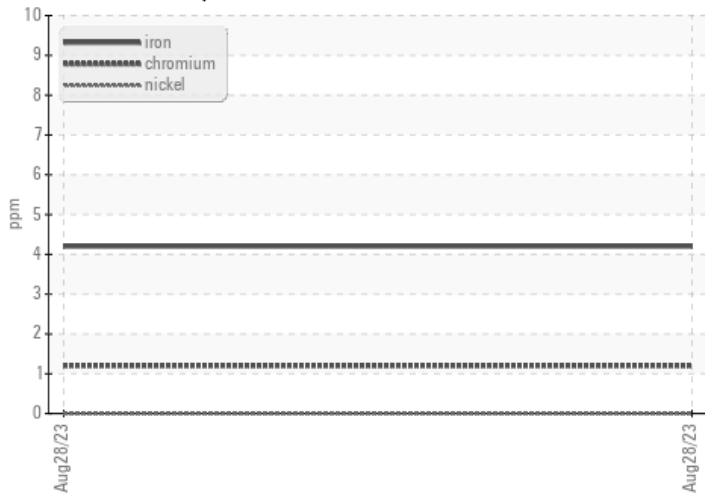
Calcium	ppm	1097	---	---	---
Magnesium	ppm	3	---	---	---
Zinc	ppm	614	---	---	---
Phosphorus	ppm	533	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: ONEBOB
 Unique No: 10700859
 Signed: Wes Davis
 Report Date: 20 Oct 2023

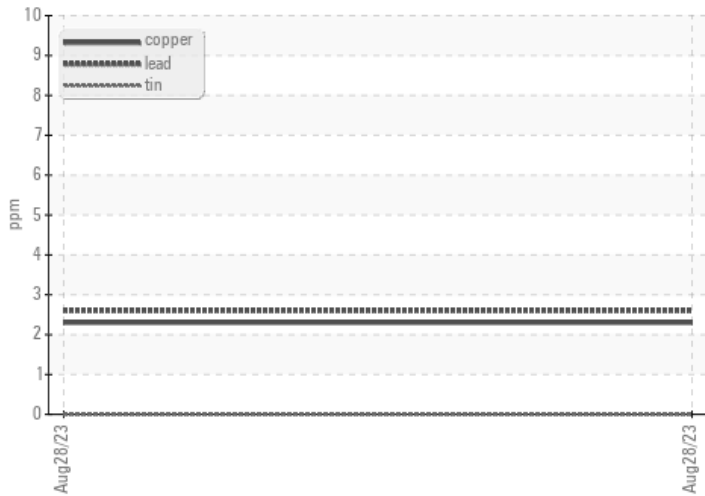


GRAPHS

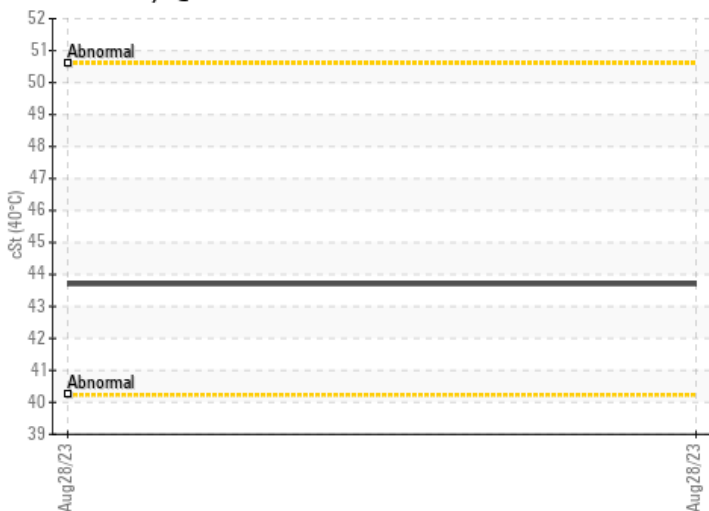
Ferrous Alloys



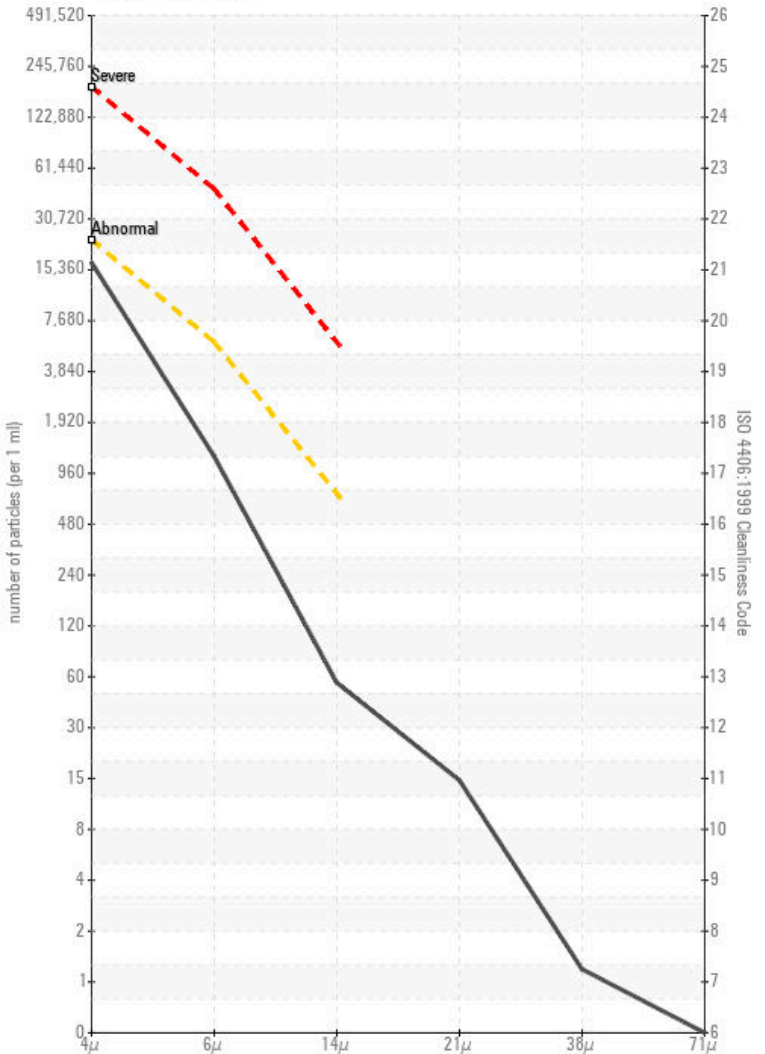
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

