

LIEBHERR

CONSTRUCTION EQUIPMENT



[(337755)] LIEBHERR L556 057483-1332 - Hydraulic System

Sample No: LH
 Oil Type: {unknown}



LES CHARGEMENTS ERIC TURPIN
 1170 CHEMIN DES VILLAS
 MONT-LAURIER, QC
 CA J9L 3G7
 Contact: ERIC TURPIN

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SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	22 Jan 2024	---	---	---
Machine Hours	7383	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 43.4	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		● 2104	---	---	---
Particles >6µm		● 282	---	---	---
Particles >14µm		● 19	---	---	---
ISO 4406:1999 (c)		18/15/11	---	---	---
Silicon	ppm	● <1	---	---	---
Sodium	ppm	● 1	---	---	---
Potassium	ppm	● 1	---	---	---

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 condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	● 9	---	---	---
Copper	ppm	● 3	---	---	---
Lead	ppm	● 5	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 7	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

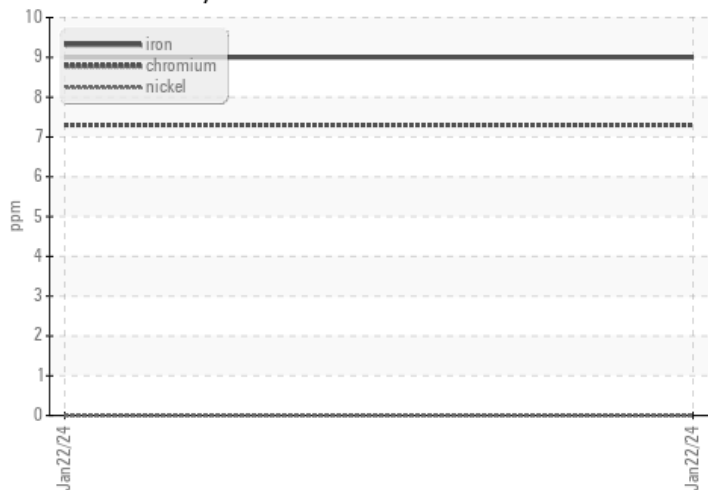
Calcium	ppm	741	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	228	---	---	---
Phosphorus	ppm	306	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	<1	---	---	---

Depot: LES11DES
 Unique No: 5711714
 Signed: Wes Davis
 Report Date: 24 Jan 2024

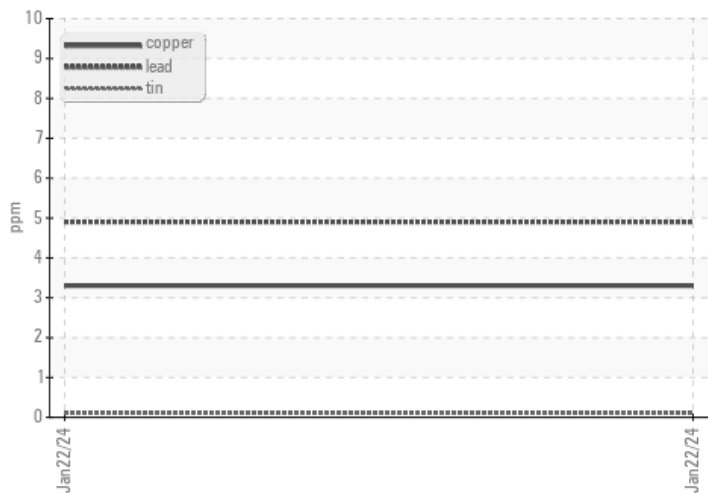


GRAPHS

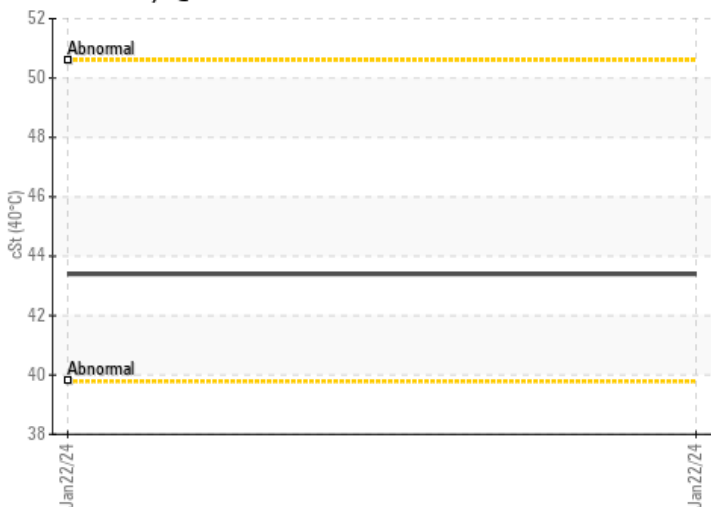
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

