

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L566 074234-1758 - Hydraulic System

Sample No: LH0155025

Oil Type: {unknown}



SAMPLE INFORMATION

Sample Number	LH0155025	---	---	---
Sample Date	29 Dec 2023	---	---	---
Machine Hours	1395	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

Groupe Lebel Inc div Nouvelle
 521 Route 132 Ouest
 Nouvelle-Ouest, QC
 CA G0C 2G0
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	● 45.7	---	---	---
-------------	-----	--------	-----	-----	-----

T:
F:



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		● 17935	---	---	---
Particles >6µm		● 1409	---	---	---
Particles >14µm		● 9	---	---	---
ISO 4406:1999 (c)		21/18/10	---	---	---
Silicon	ppm	● 3	---	---	---
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	● 6	---	---	---
Copper	ppm	● 1	---	---	---
Lead	ppm	● 1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

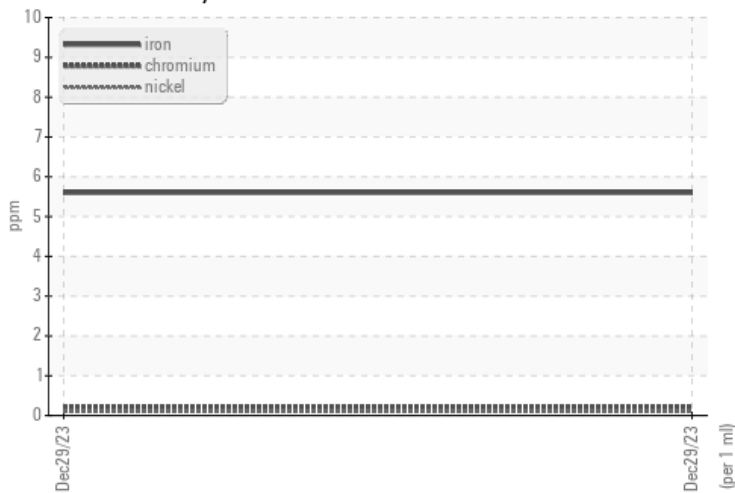
Calcium	ppm	1391	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	694	---	---	---
Phosphorus	ppm	616	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	<1	---	---	---

Depot: GRONOU
Unique No: 5708237
Signed: Wes Davis
Report Date: 11 Jan 2024

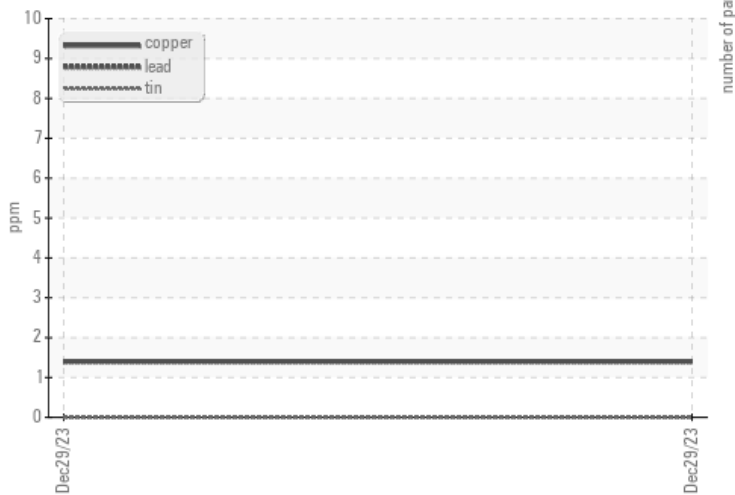


GRAPHS

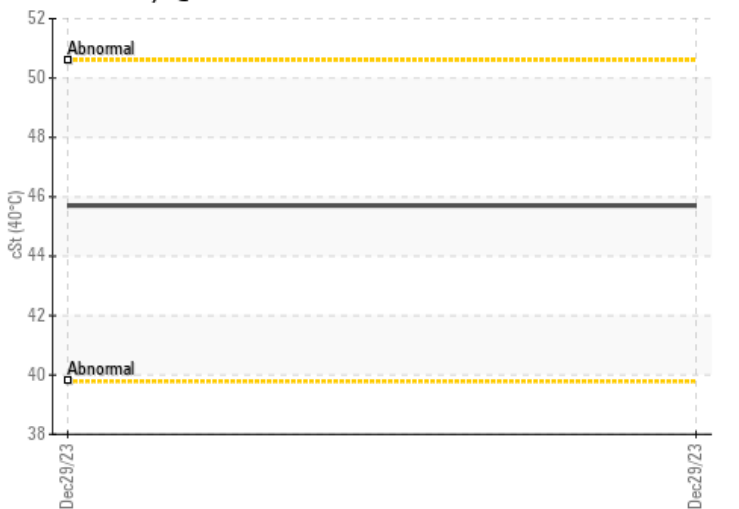
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

