

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH22M 146587-1250 - Hydraulic System

Sample No: LH
 Oil Type: NOT GIVEN



CONTENEUR ROSE INC.
 89 RUE MORANE
 LAVAL, QC
 CA H7M 1R5
 Contact: Service Manager

T:
 F:



SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	28 Aug 2023	---	---	---
Machine Hours	574	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 44.9	---	---	---
-------------	-----	--------	-----	-----	-----



CONTAMINATION

Particles >4µm		● 17909	---	---	---
Particles >6µm		● 3425	---	---	---
Particles >14µm		● 122	---	---	---
ISO 4406:1999 (c)		21/19/14	---	---	---
Silicon	ppm	● 4	---	---	---
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	● 8	---	---	---
Copper	ppm	● 2	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● <1	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	● 0	---	---	---



ADDITIVES

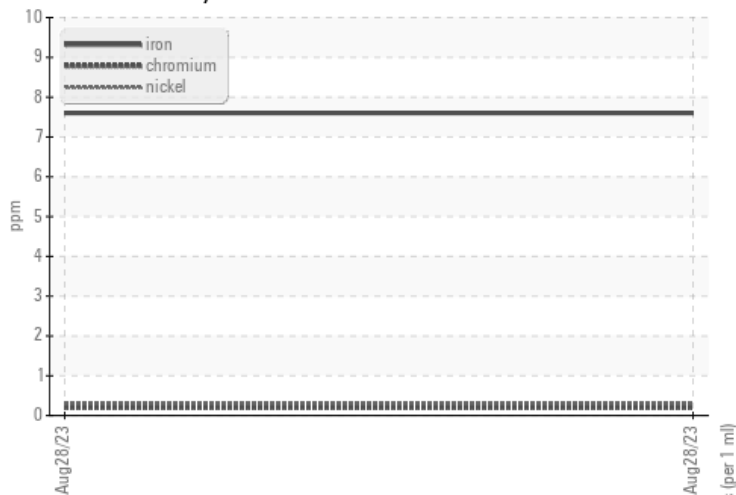
Calcium	ppm	1371	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	700	---	---	---
Phosphorus	ppm	650	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	<1	---	---	---

Depot: CON89LAV
 Unique No: 5632211
 Signed: Wes Davis
 Report Date: 30 Aug 2023

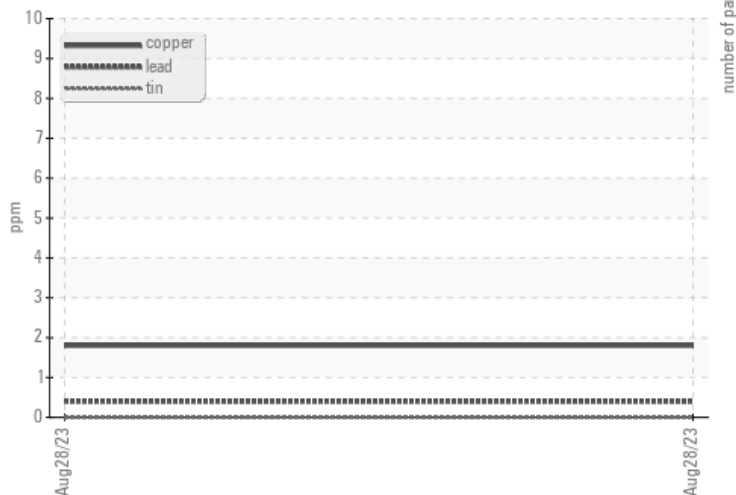


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

