

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH22M 146587-1250 - Hydraulic System

Sample No: LH0279535

Oil Type: NOT GIVEN



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

T:
F:



SAMPLE INFORMATION

Sample Number	LH0279535	LH	---	---
Sample Date	05 Dec 2023	28 Aug 2023	---	---
Machine Hours	1259	574	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	ATTENTION	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	44.0	44.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		29835	17909	---	---
Particles >6µm		5572	3425	---	---
Particles >14µm		212	122	---	---
ISO 4406:1999 (c)		22/20/15	21/19/14	---	---
Silicon	ppm	5	4	---	---
Sodium	ppm	2	1	---	---
Potassium	ppm	<1	<1	---	---

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	12	8	---	---
Copper	ppm	2	2	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

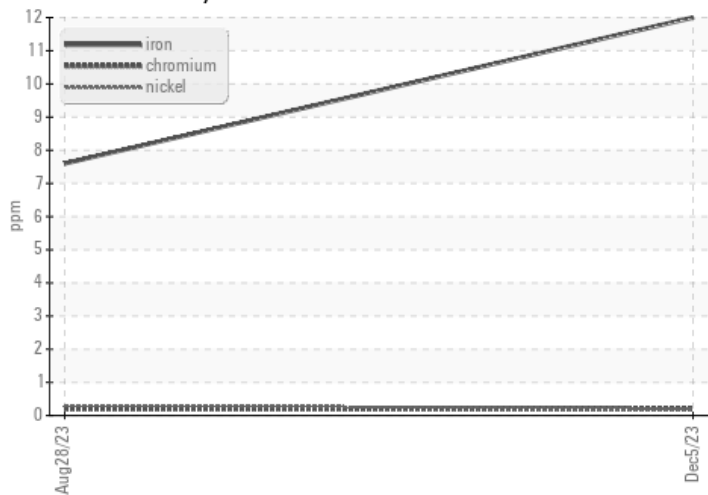
Calcium	ppm	1329	1371	---	---
Magnesium	ppm	4	4	---	---
Zinc	ppm	665	700	---	---
Phosphorus	ppm	559	650	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	<1	<1	---	---

Depot: CON89LAV
Unique No: 5694972
Signed: Wes Davis
Report Date: 09 Dec 2023

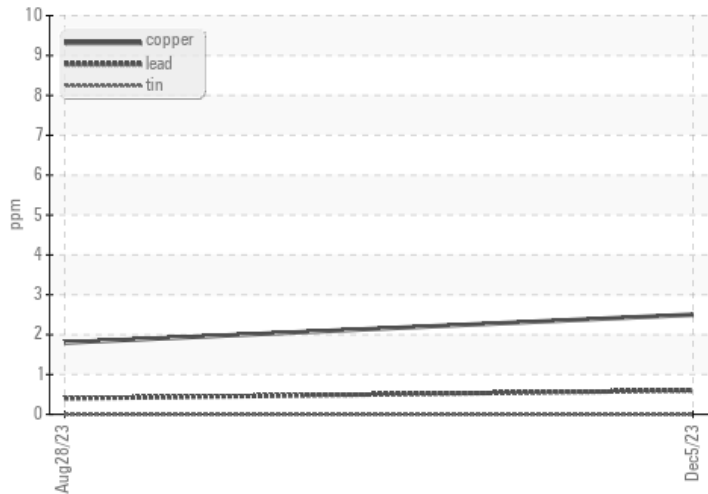


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

