

LIEBHERR

CONSTRUCTION EQUIPMENT



[[20230458]] LIEBHERR LH30M 14527 2-1253 - Hydraulic Sys

Sample No: LH0250161
 Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH0250161	LH0250177	---	---
Sample Date	08 Sep 2023	05 Jun 2023	---	---
Machine Hours	1004	500	---	---
Oil Hours	0	500	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	NORMAL	ABNORMAL	---	---

Industrial Metals

550 Messier St.
 Winnipeg, MB
 CA R2J 0G5
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	● 43.4	● 44.2	---	---
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T:
 F:



CONTAMINATION

Particles >4µm		● 5814	● 87385	---	---
Particles >6µm		● 1251	● 33032	---	---
Particles >14µm		● 104	● 556	---	---
ISO 4406:1999 (c)		20/17/14	24/22/16	---	---
Silicon	ppm	● 4	● 4	---	---
Sodium	ppm	● 2	● 2	---	---
Potassium	ppm	● 2	● 2	---	---

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	● 10	● 9	---	---
Copper	ppm	● 4	● 5	---	---
Lead	ppm	● 1	● 1	---	---
Tin	ppm	● 0	● <1	---	---
Aluminum	ppm	● <1	● <1	---	---
Chromium	ppm	● 2	● <1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	● 0	● <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

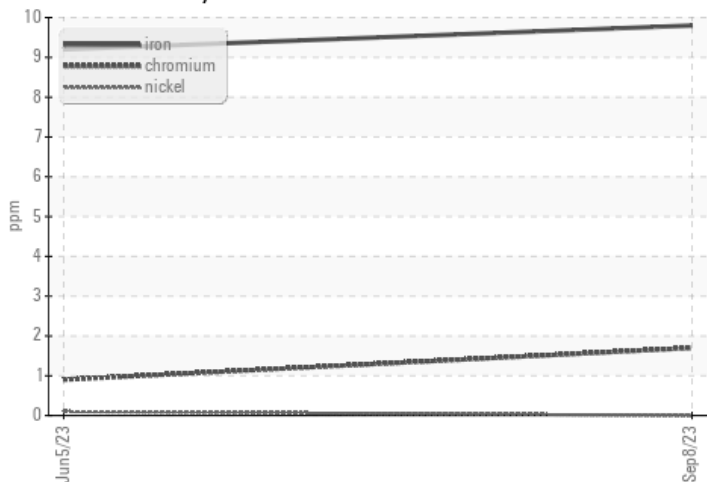
Calcium	ppm	1120	1328	---	---
Magnesium	ppm	4	5	---	---
Zinc	ppm	732	753	---	---
Phosphorus	ppm	660	720	---	---
Barium	ppm	0	0	---	---
Boron	ppm	<1	2	---	---

Depot: IND550WIN
 Unique No: 5645091
 Signed: Wes Davis
 Report Date: 21 Sep 2023

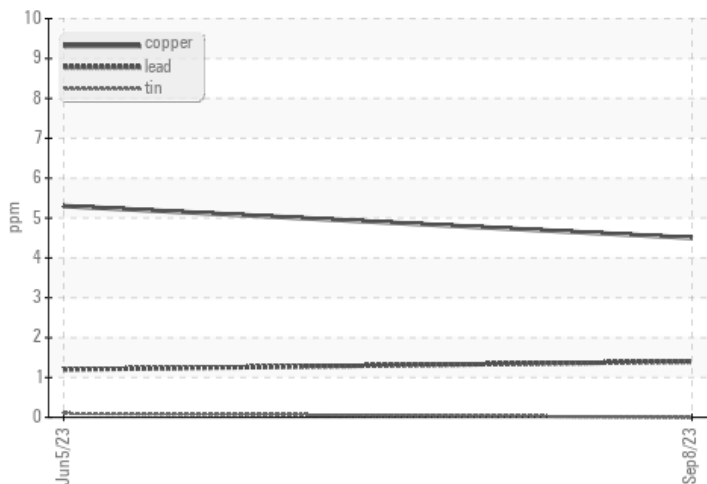


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

