

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 138820-1216 - Hydraulic System

Sample No: LH
 Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH	LH0260712	LH	---
Sample Date	10 Sep 2023	26 May 2023	26 Mar 2023	---
Machine Hours	950	950	524	---
Oil Hours	0	0	0	---
Oil Changed	N/A	N/A	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---

D.P. Metal Inc.
 373A Chemin Grande-Ligne
 Saint-Urbain Premier, QC
 CA J0S 1Y0
 Contact: Service .



OIL CONDITION

Visc @ 40°C	cSt	42.1	42.5	43.5	---
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T: (450)427-0506
 F:



CONTAMINATION

Particles >4µm		3346	5192	2095	---
Particles >6µm		769	1226	149	---
Particles >14µm		65	59	12	---
ISO 4406:1999 (c)		19/17/13	20/17/13	18/14/11	---
Silicon	ppm	4	4	3	---
Sodium	ppm	2	1	<1	---
Potassium	ppm	<1	<1	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	8	9	---
Copper	ppm	3	2	2	---
Lead	ppm	<1	<1	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	<1	0	0	---
Molybdenum	ppm	21	10	0	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

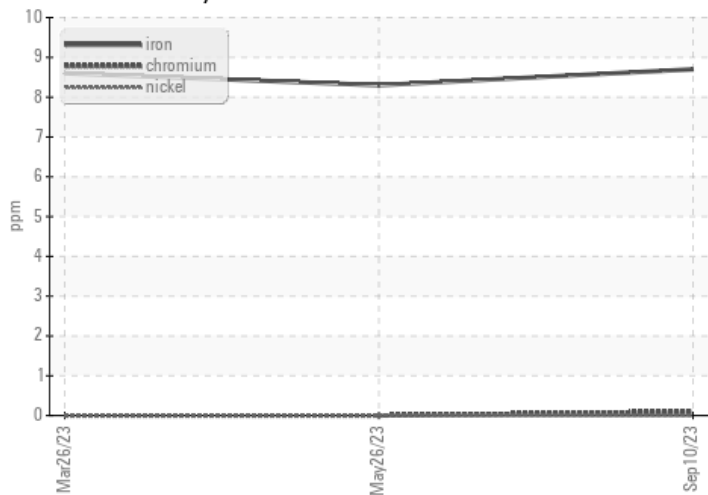
Calcium	ppm	1056	1302	1467	---
Magnesium	ppm	3	4	3	---
Zinc	ppm	617	668	699	---
Phosphorus	ppm	592	655	693	---
Barium	ppm	0	0	0	---
Boron	ppm	<1	<1	<1	---

Depot: DPMSAI
 Unique No: 5642505
 Signed: Wes Davis
 Report Date: 12 Sep 2023

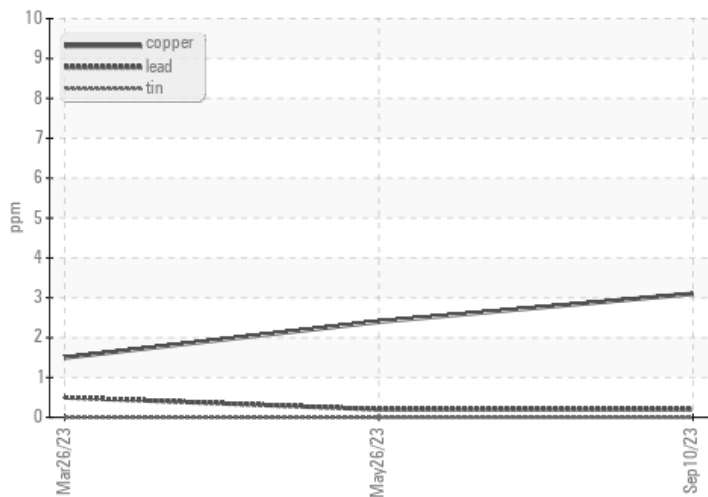


GRAPHS

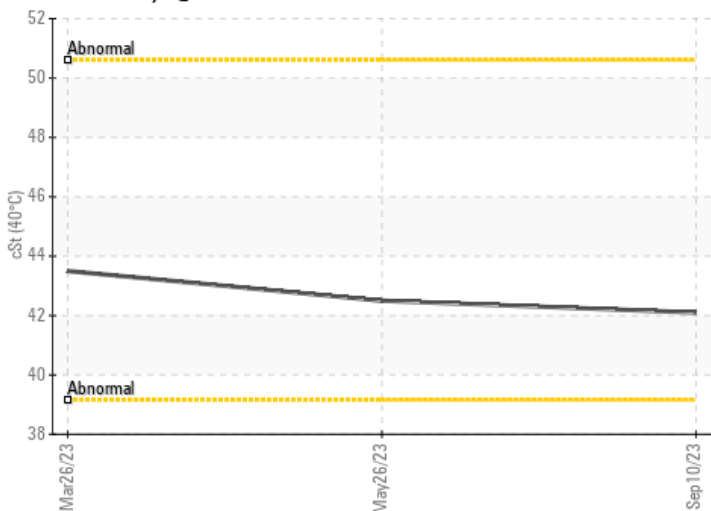
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

