

LIEBHERR

CONSTRUCTION EQUIPMENT



[fondation beliveau] LIEBHERR LH40M 098208 - Hydraulic S

Sample No: LH
Oil Type: NOT GIVEN



LIEBHERR CANADA LTEE
444 AVENUE DE LA FRICHE
DOLBEAU-MISTASSINI, QC
CA G8L 3M7
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SAMPLE INFORMATION

Sample Number	LH	LH	---	---
Sample Date	04 Mar 2024	29 Jun 2023	---	---
Machine Hours	6970	6242	---	---
Oil Hours	135	135	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	44.0	44.4	---	---
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CONTAMINATION

Water	%	NEG	0.030	---	---
Particles >4µm		54820	5223	---	---
Particles >6µm		4359	1237	---	---
Particles >14µm		33	93	---	---
ISO 4406:1999 (c)		23/19/12	20/17/14	---	---
Silicon	ppm	2	1	---	---
Sodium	ppm	9	9	---	---
Potassium	ppm	6	6	---	---

Diagnosis

We recommend you service the filters on this component. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.



WEAR METALS

Iron	ppm	8	6	---	---
Copper	ppm	4	4	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	2	2	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	0	0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

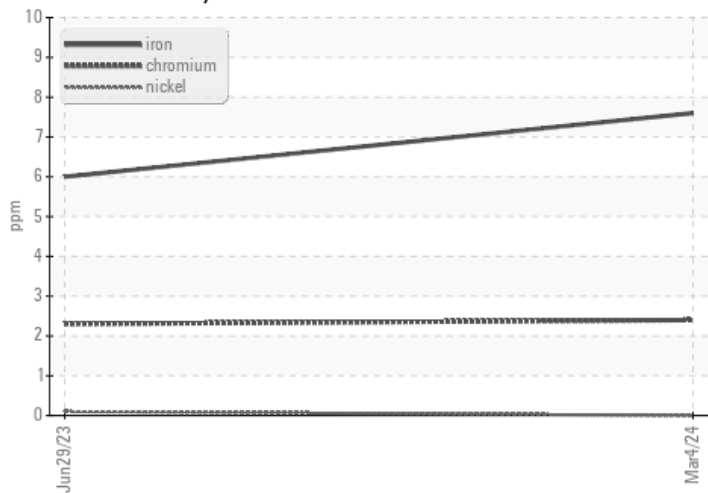
Calcium	ppm	1230	1225	---	---
Magnesium	ppm	6	6	---	---
Zinc	ppm	619	612	---	---
Phosphorus	ppm	543	553	---	---
Barium	ppm	0	0	---	---
Boron	ppm	1	<1	---	---

Depot: LBADOL
Unique No: 5737063
Signed: Wes Davis
Report Date: 05 Mar 2024

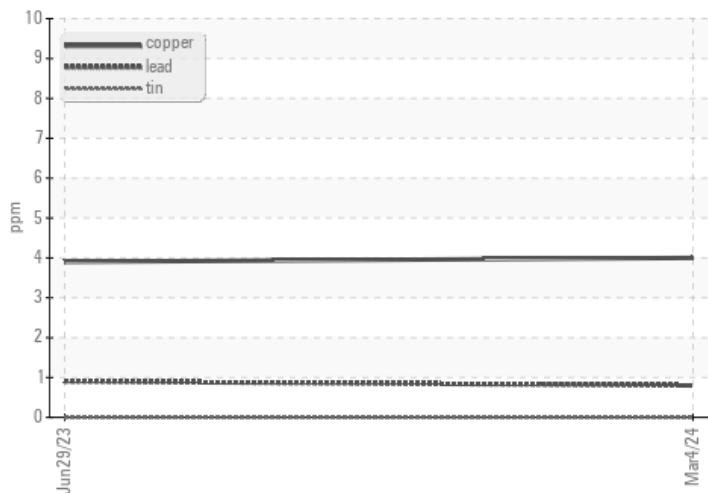


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

