

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [[601598+10240867]] LIEBHERR LH30M 112545-1253 - Hydraulic

Sample No: LH0274832

Oil Type: {unknown}



#### SAMPLE INFORMATION

Sample Number	LH0274832	LH	LH0270118	LH0261587
Sample Date	04 Mar 2024	07 Dec 2023	27 Sep 2023	08 May 2023
Machine Hours	0	13530	1297	11758
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	MARGINAL	NORMAL

#### GREEN METALS CANADA

224 BEARDS LANE  
WOODSTOCK, ON  
CA N4S 7W3

Contact: Jamie Depotie  
jdepotie@gmcan.ca  
T: (519)539-1313  
F: (519)539-5130



#### OIL CONDITION

Visc @ 40°C	cSt	40.9	41.4	41.2	42.0
Visc @ 100°C	cSt	---	---	7.7	---
Viscosity Index (VI)	Scale	---	---	158	---



#### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Particles >4µm		5258	3429	3642	4571
Particles >6µm		1586	891	889	1046
Particles >14µm		125	42	43	44
ISO 4406:1999 (c)		20/18/14	19/17/13	19/17/13	19/17/13
Silicon	ppm	<1	<1	<1	<1
Sodium	ppm	2	3	2	2
Potassium	ppm	1	3	0	0



#### WEAR METALS

Iron	ppm	22	20	20	14
Copper	ppm	6	5	6	5
Lead	ppm	<1	<1	<1	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	<1	0	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	<1	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	<1	0
Manganese	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	293	290	310	316
Magnesium	ppm	4	3	3	2
Zinc	ppm	784	792	799	776
Phosphorus	ppm	634	605	627	663
Barium	ppm	0	<1	<1	0
Boron	ppm	<1	<1	<1	<1

#### Diagnosis

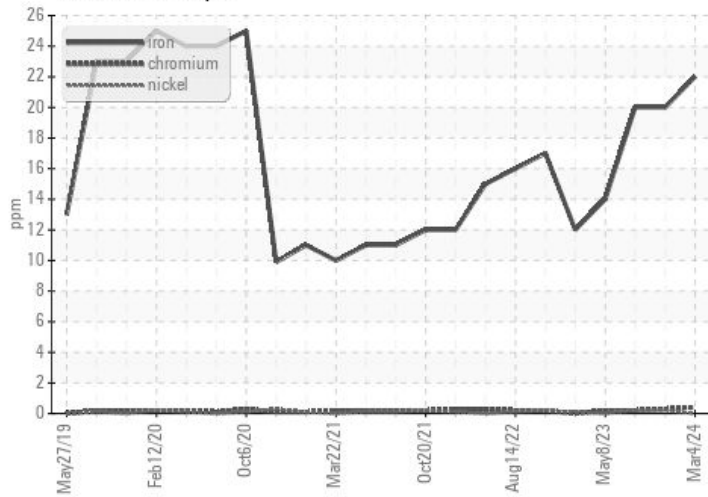
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.

Depot: GRE224WOO  
Unique No: 5737714  
Signed: Wes Davis  
Report Date: 08 Mar 2024

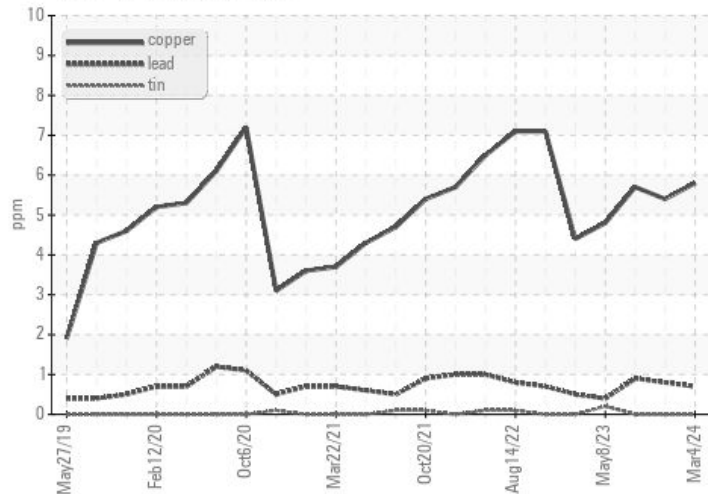


### GRAPHS

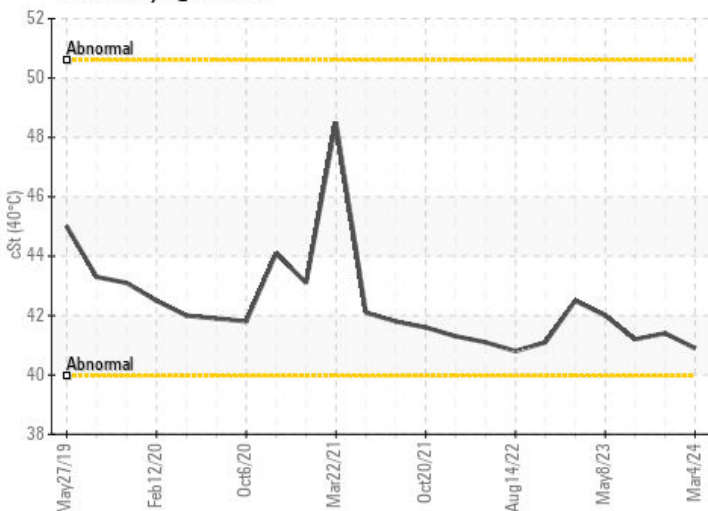
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

