

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(350505)] LIEBHERR L566 063481-1758 - Hydraulic System

Sample No: LH0202317

Oil Type: LIEBHERR HYDRAULIC HVI



#### SAMPLE INFORMATION

Sample Number	LH0202317	LH0202304	---	---
Sample Date	12 May 2023	06 Jan 2022	---	---
Machine Hours	2312	1097	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

**PAVAGES MASKA INC.**  
 3450 BOULEVARD CHOQUETTE  
 SAINT-HYACINTHE, QC  
 CA J2S 8V9  
 Contact: Service Manager



#### OIL CONDITION

Visc @ 40°C	cSt	● 43.5	● 44.7	---	---
Acid Number (AN)	mg KOH/g	● 1.13	● 1.26	---	---

T:  
F:



#### CONTAMINATION

Particles >4µm		● 82450	● 106078	---	---
Particles >6µm		● 22527	● 29847	---	---
Particles >14µm		● 399	● 88	---	---
ISO 4406:1999 (c)		24/22/16	24/22/14	---	---
Silicon	ppm	● 14	● 8	---	---
Sodium	ppm	● 4	● 2	---	---
Potassium	ppm	● 4	● 3	---	---

#### Diagnosis

Nous recommandons le remplacement des filtres de ce composant. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Usure de palier et (ou) de douille. Il y a une quantité modérée de particules (de 4 à 14 microns) dans l'huile. Le AN est acceptable pour ce fluide. l'huile n'est plus en état de service en raison d'une usure anormale et/ou sévère.



#### WEAR METALS

Iron	ppm	● 15	● 10	---	---
Copper	ppm	● 4	● 2	---	---
Lead	ppm	● 11	● 8	---	---
Tin	ppm	● <1	● <1	---	---
Aluminum	ppm	● 6	● 4	---	---
Chromium	ppm	● <1	● <1	---	---
Molybdenum	ppm	● 0	● 0	---	---
Nickel	ppm	● 0	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	● <1	● <1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

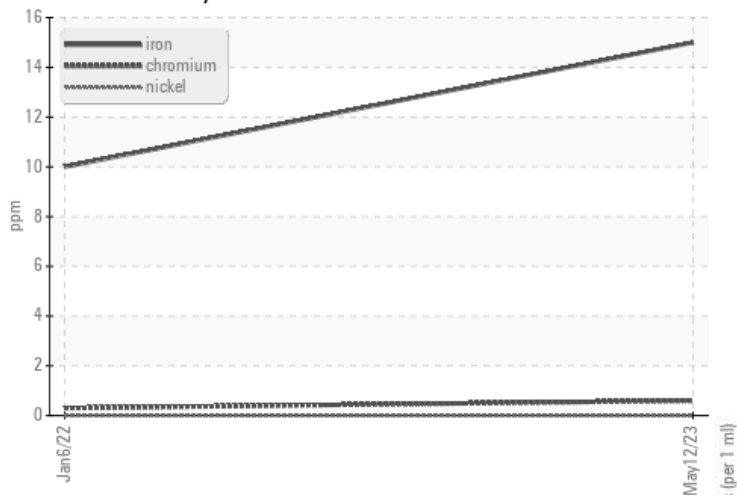
Calcium	ppm	● 1390	● 1383	---	---
Magnesium	ppm	● 7	● 6	---	---
Zinc	ppm	● 695	● 684	---	---
Phosphorus	ppm	● 651	● 623	---	---
Barium	ppm	● <1	● <1	---	---
Boron	ppm	● <1	● <1	---	---

**Depot:** PAVSAI  
**Unique No:** 5618800  
**Signed:** Kevin Marson  
**Report Date:** 03 Aug 2023

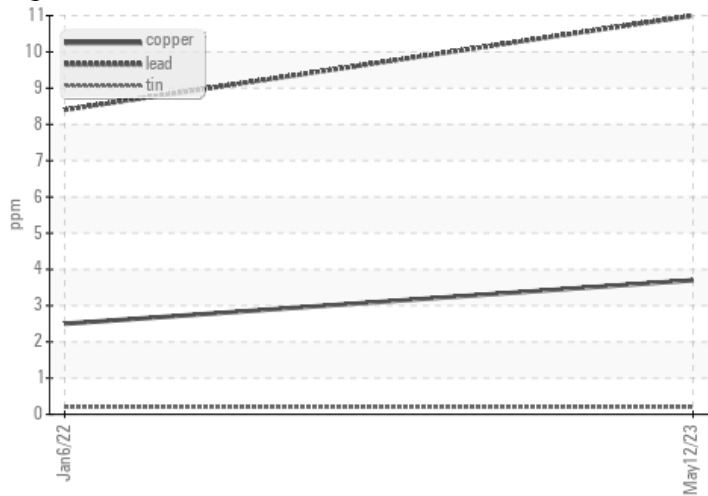


### GRAPHS

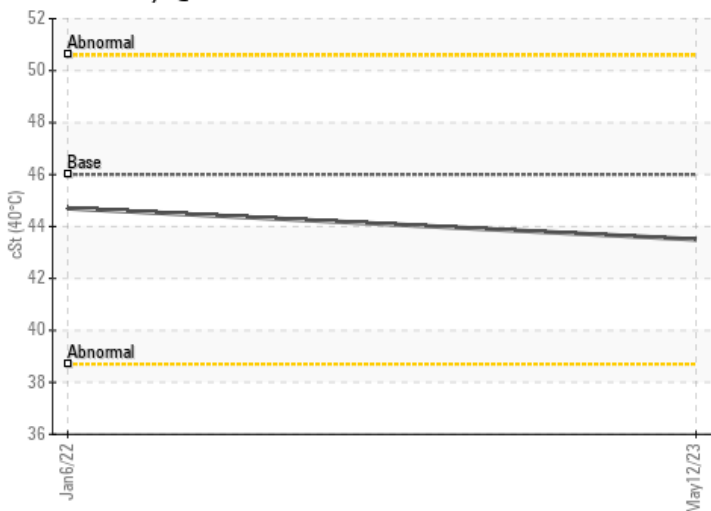
#### Ferrous Alloys



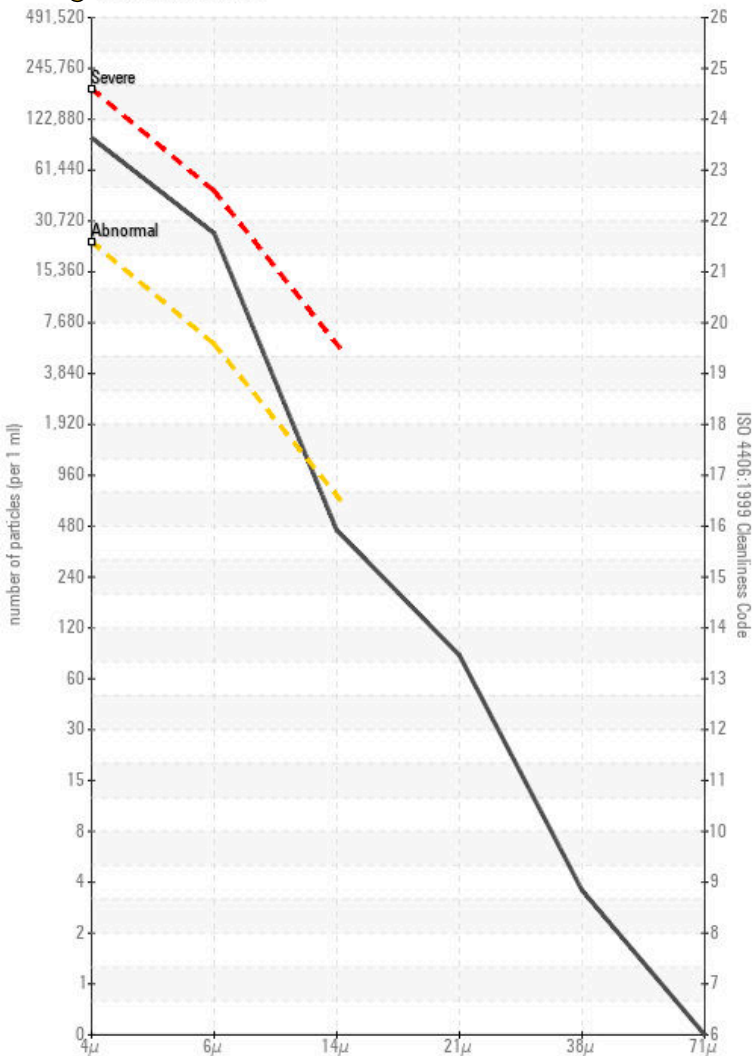
#### Non-ferrous Metals



#### Viscosity @ 40°C



#### Particle Count



#### Acid Number

