

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0202343

Oil Type: LIEBHERR HYDRAULIC HVI



SAMPLE INFORMATION

Sample Number	LH0202343	LH0202317	LH0202304	---
Sample Date	09 Jan 2024	12 May 2023	06 Jan 2022	---
Machine Hours	3646	2312	1097	---
Oil Hours	0	0	0	---
Oil Changed	N/A	N/A	Not Changd	---
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	---

PAVAGES MASKA INC.

3450 BOULEVARD CHOQUETTE
 SAINT-HYACINTHE, QC
 CA J2S 8V9
 Contact: Guillaume St-Onge
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 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	43.9	43.5	44.7	---
Acid Number (AN)	mg KOH/g	0.90	1.13	1.26	---



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Particles >4µm		32341	82450	106078	---
Particles >6µm		227	22527	29847	---
Particles >14µm		9	399	88	---
ISO 4406:1999 (c)		22/15/10	24/22/16	24/22/14	---
Silicon	ppm	15	14	8	---
Sodium	ppm	2	4	2	---
Potassium	ppm	5	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 légère quantité de limon (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	18	15	10	---
Copper	ppm	4	4	2	---
Lead	ppm	13	11	8	---
Tin	ppm	<1	<1	<1	---
Aluminum	ppm	8	6	4	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

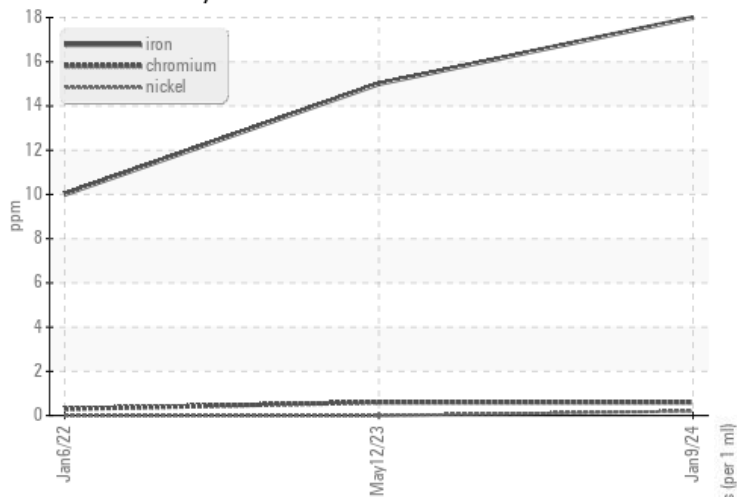
Calcium	ppm	1394	1390	1383	---
Magnesium	ppm	7	7	6	---
Zinc	ppm	676	695	684	---
Phosphorus	ppm	572	651	623	---
Barium	ppm	<1	<1	<1	---
Boron	ppm	<1	<1	<1	---

Depot: PAVSAI
 Unique No: 5708958
 Signed: Kevin Marson
 Report Date: 12 Jan 2024

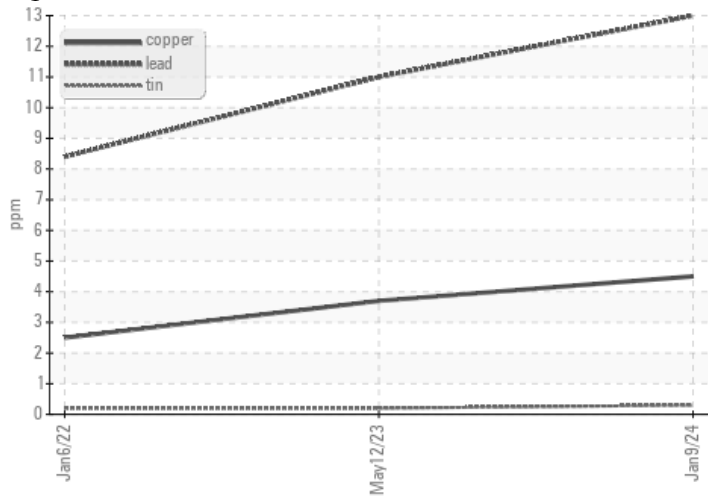


GRAPHS

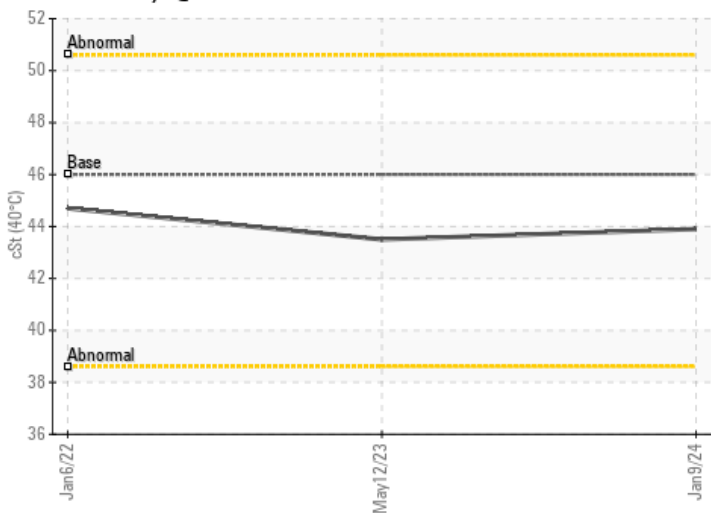
Ferrous Alloys



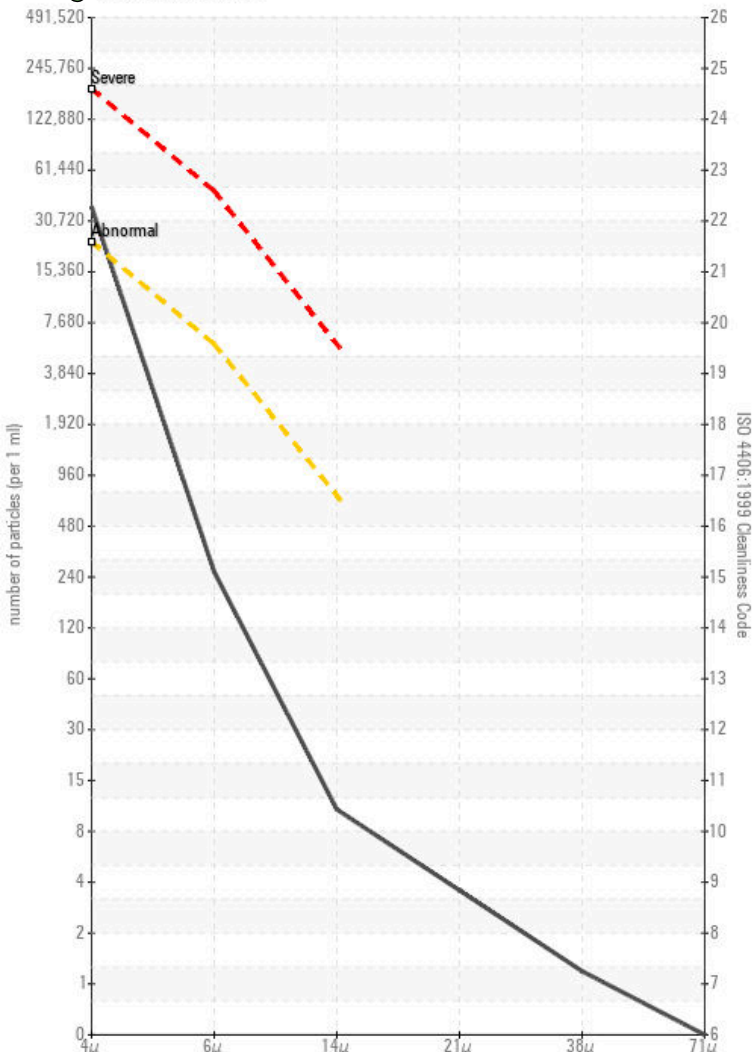
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

