

LIEBHERR

CONSTRUCTION EQUIPMENT



[(353448)] LIEBHERR L566 064106-1758 - Hydraulic System

Sample No: LH0208468

Oil Type: LIEBHERR HYDRAULIC HVI



SAMPLE INFORMATION

Sample Number	LH0208468	LH0208442	LH0213554	---
Sample Date	06 Dec 2023	10 Jan 2022	05 Nov 2021	---
Machine Hours	2606	778	578	---
Oil Hours	0	0	0	---
Oil Changed	N/A	Not Changd	Not Changd	---
Sample Status	ATTENTION	ABNORMAL	ABNORMAL	---

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



OIL CONDITION

Visc @ 40°C	cSt	43.7	45.0	45.4	---
Acid Number (AN)	mg KOH/g	1.11	1.33	---	---

T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Particles >4µm		35542	111506	55037	---
Particles >6µm		233	19710	2958	---
Particles >14µm		5	63	153	---
ISO 4406:1999 (c)		22/15/10	24/21/13	23/19/14	---
Silicon	ppm	4	4	4	---
Sodium	ppm	1	3	1	---
Potassium	ppm	<1	2	1	---

Diagnosis

Nous recommandons le remplacement des filtres de ce composant. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. 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'état de l'huile permet d'en prolonger l'utilisation.



WEAR METALS

Iron	ppm	17	17	13	---
Copper	ppm	3	2	2	---
Lead	ppm	10	5	6	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	2	2	1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	<1	0	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	<1	<1	<1	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

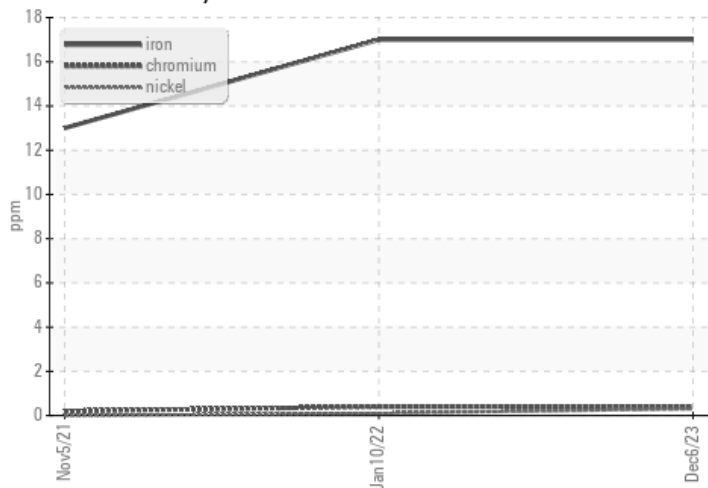
Calcium	ppm	942	1375	1400	---
Magnesium	ppm	6	5	4	---
Zinc	ppm	738	701	737	---
Phosphorus	ppm	621	640	684	---
Barium	ppm	<1	<1	<1	---
Boron	ppm	<1	<1	<1	---

Depot: PAVSAI
Unique No: 5695732
Signed: Wes Davis
Report Date: 13 Dec 2023

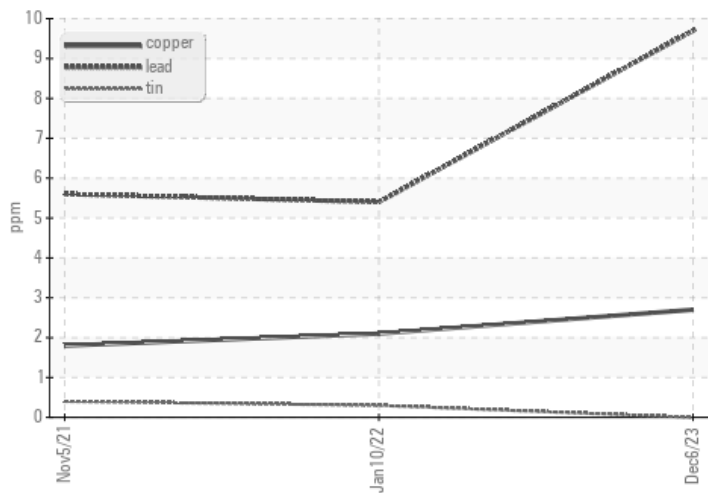


GRAPHS

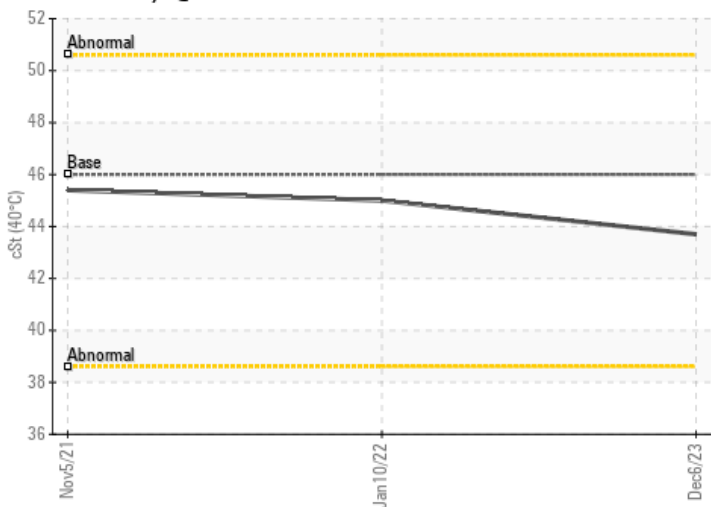
Ferrous Alloys



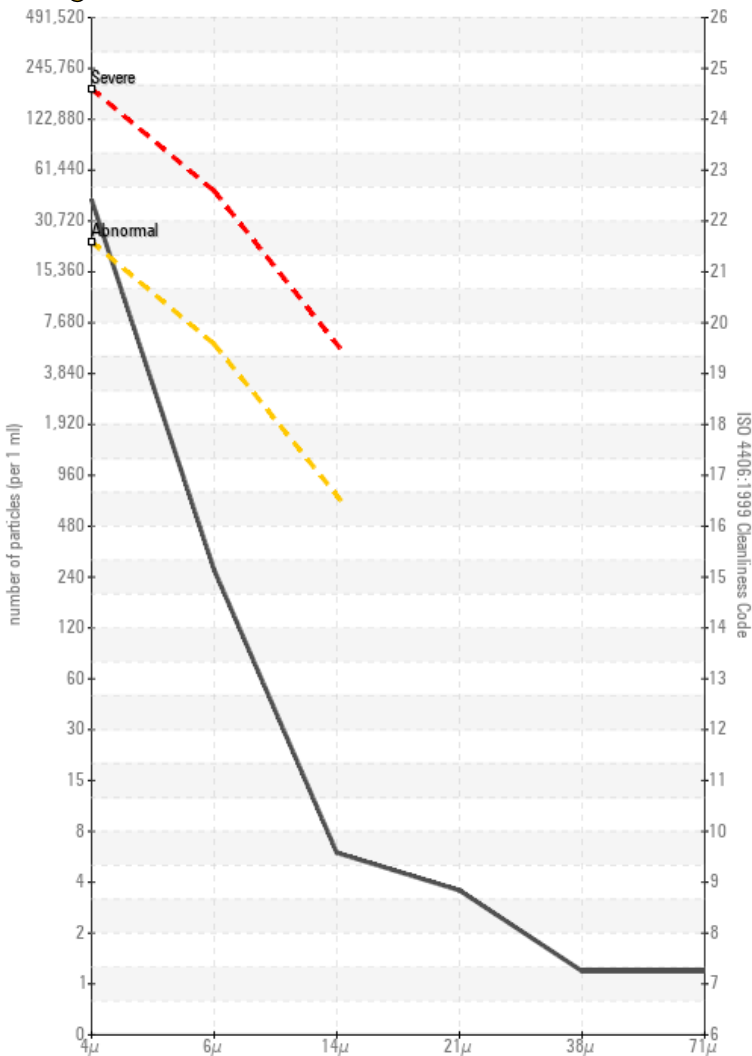
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

