

LIEBHERR

CONSTRUCTION EQUIPMENT



118716-1216 - Hydraulic System

Sample No: LH0270171

Oil Type: {unknown}



SAMPLE INFORMATION

Sample Number	LH0270171	LH0222284	LH	---
Sample Date	19 Mar 2024	16 Sep 2022	11 Jun 2021	---
Machine Hours	2940	1846	828	---
Oil Hours	0	0	0	---
Oil Changed	Not Changd	Not Changd	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

American Iron and Metal
 200 rue Nadon
 Amos, QC
 CA J9T 3A1
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	44.4	46.1	44.6	---
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T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Particles >4µm		2172	1847	1544	---
Particles >6µm		504	360	99	---
Particles >14µm		36	14	9	---
ISO 4406:1999 (c)		18/16/12	18/16/11	18/14/10	---
Silicon	ppm	0	1	1	---
Sodium	ppm	<1	1	<1	---
Potassium	ppm	<1	1	2	---

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Veuillez préciser la marque, le type et la viscosité de l'huile lors de votre prochain échantillon. Les taux d'usure de tous les composants sont normaux. La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

Iron	ppm	24	32	23	---
Copper	ppm	2	3	2	---
Lead	ppm	0	<1	2	---
Tin	ppm	0	0	0	---
Aluminum	ppm	0	<1	<1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	2	<1	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

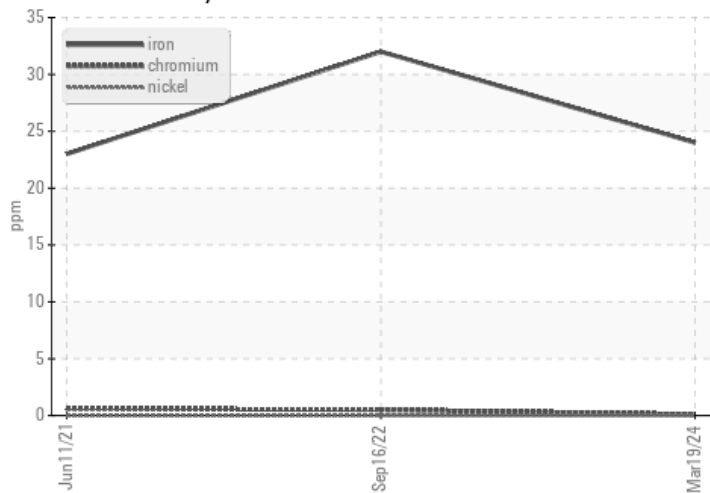
Calcium	ppm	305	457	529	---
Magnesium	ppm	18	8	5	---
Zinc	ppm	509	590	708	---
Phosphorus	ppm	452	644	559	---
Barium	ppm	0	0	<1	---
Boron	ppm	14	25	1	---

Depot: AIMAMO
Unique No: 5748548
Signed: Wes Davis
Report Date: 21 Mar 2024

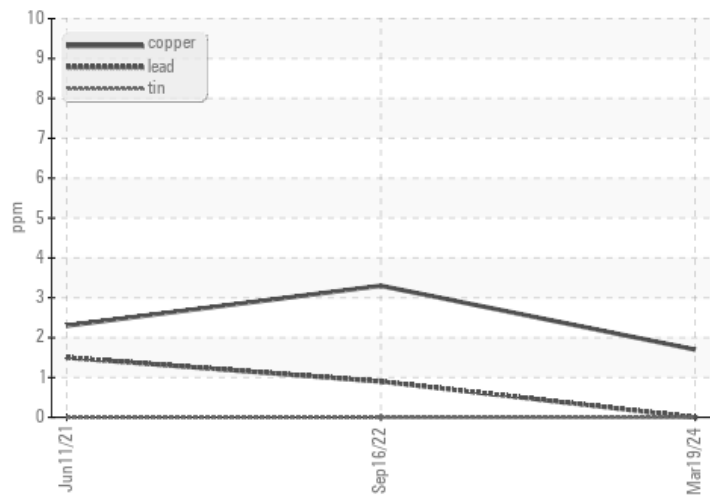


GRAPHS

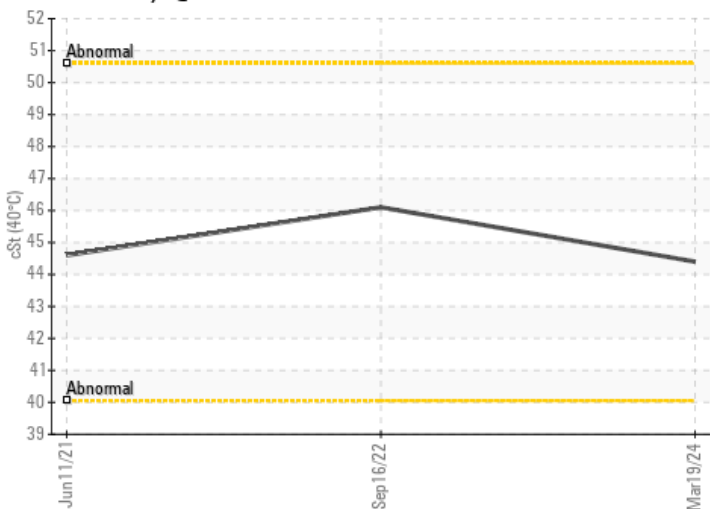
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

