

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L566 071885-1758 - Hydraulic System

Sample No: LH0291255

Oil Type: {unknown}



Sample Information

Sample Number	LH0291255	LH0276159	LH0261536	---
Sample Date	06 May 2024	12 Oct 2023	11 Jun 2023	---
Machine Hours	1939	937	500	---
Oil Hours	0	0	0	---
Oil Changed	Not Changd	N/A	Not Changd	---
Sample Status	ABNORMAL	NORMAL	ATTENTION	---

MONAGHAN MUSHROOMS LTD

7345 GUELPH LINE
 CAMPBELLVILLE, ON
 CA L0P 1B0
 Contact: Steven Cargill
 s.cargill@monaghan-mushrooms.com
 T:
 F:



Oil Condition

Visc @ 40°C	cSt	43.0	43.5	46.4	---
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Contamination

Water	%	NEG	NEG	NEG	---
Particles >4µm		46402	12582	21223	---
Particles >6µm		1713	723	1053	---
Particles >14µm		51	9	30	---
ISO 4406:1999 (c)		23/18/13	21/17/10	22/17/12	---
Silicon	ppm	2	2	3	---
Sodium	ppm	4	2	2	---
Potassium	ppm	14	5	4	---

Diagnosis

We recommend you service the filters on this component. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.



Wear Metals

Iron	ppm	10	3	4	---
Copper	ppm	3	2	1	---
Lead	ppm	3	4	2	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	1	<1	<1	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	0	0	<1	---
Vanadium	ppm	0	0	0	---



Additives

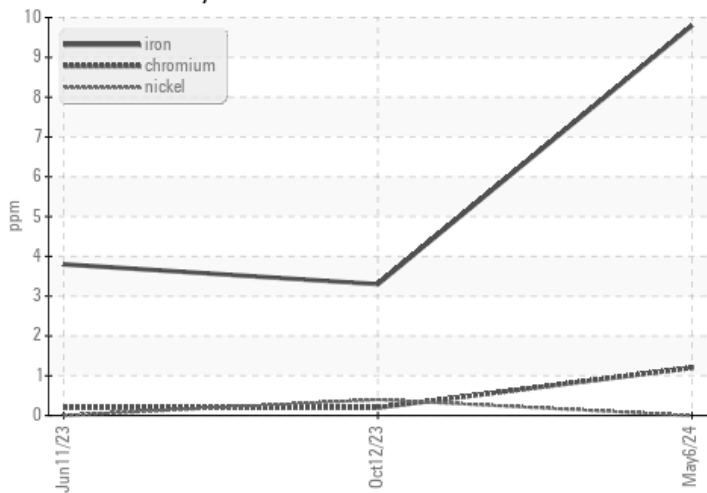
Calcium	ppm	676	718	1250	---
Magnesium	ppm	5	3	4	---
Zinc	ppm	568	592	734	---
Phosphorus	ppm	486	512	715	---
Barium	ppm	<1	<1	0	---
Boron	ppm	<1	<1	<1	---

Depot: MONCAM
 Unique No: 5775050
 Signed: Wes Davis
 Report Date: 08 May 2024

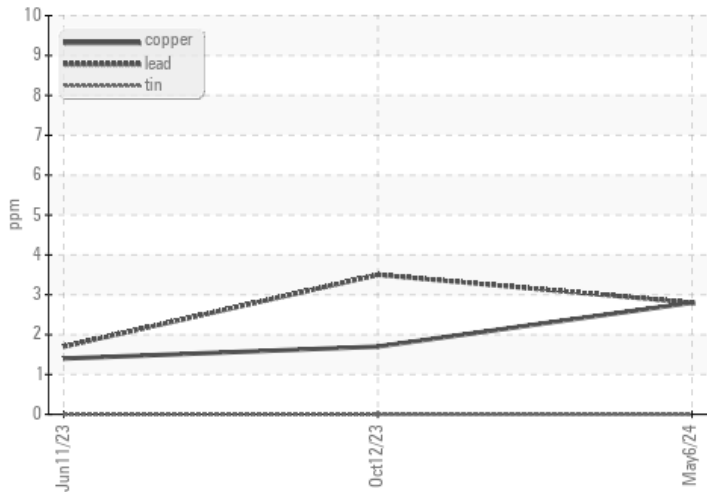


Graphs

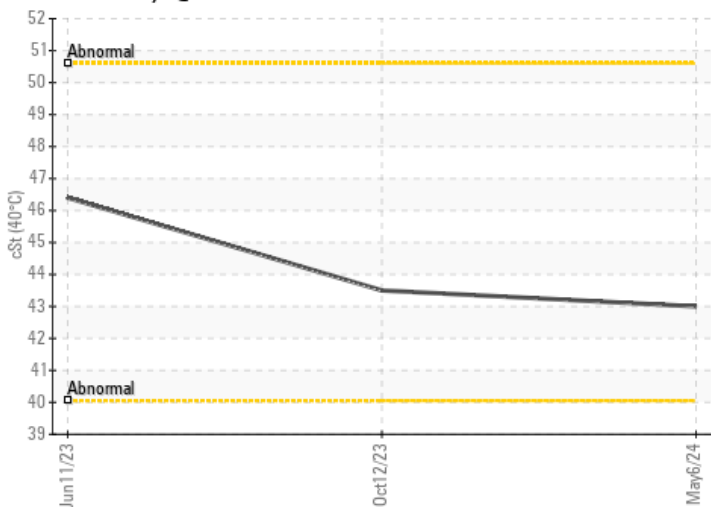
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

