

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 72244 - Hydraulic System

Sample No: LH0278898

Oil Type: {unknown}



SAMPLE INFORMATION

Sample Number	LH0278898	LH0274750	LH0261537	---
Sample Date	21 Jan 2024	30 Aug 2023	11 Jun 2023	---
Machine Hours	4442	2550	1626	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Changd	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	46.8	43.9	44.4	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Particles >4µm		57256	19336	24395	---
Particles >6µm		16253	3511	2817	---
Particles >14µm		822	371	264	---
ISO 4406:1999 (c)		23/21/17	21/19/16	22/19/15	---
Silicon	ppm	<1	3	3	---
Sodium	ppm	0	2	2	---
Potassium	ppm	<1	<1	<1	---

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	<1	17	15	---
Copper	ppm	0	3	2	---
Lead	ppm	0	7	3	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	<1	2	1	---
Chromium	ppm	0	3	2	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

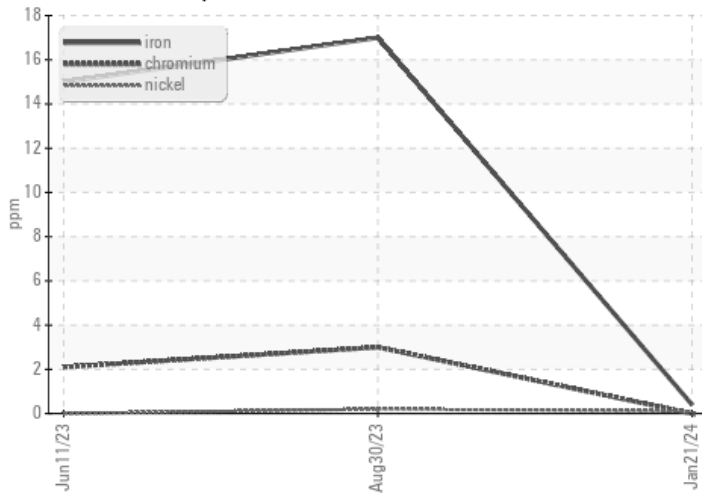
Calcium	ppm	103	1280	1312	---
Magnesium	ppm	<1	4	4	---
Zinc	ppm	837	712	697	---
Phosphorus	ppm	661	668	694	---
Barium	ppm	0	0	0	---
Boron	ppm	0	<1	<1	---

Depot: MONCAM
 Unique No: 5711404
 Signed: Wes Davis
 Report Date: 23 Jan 2024

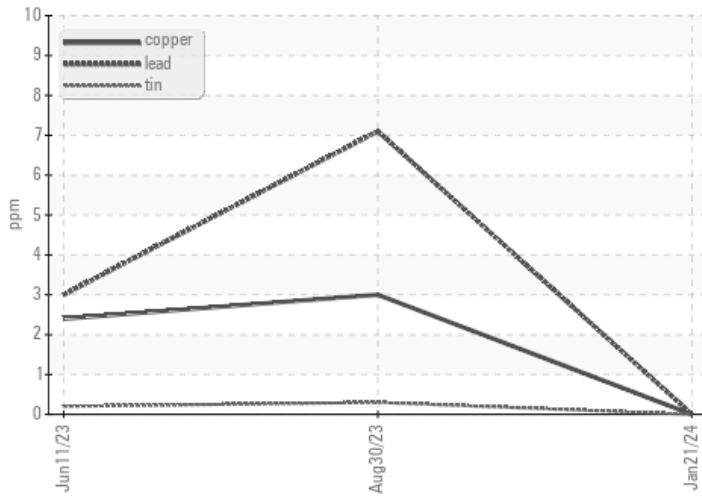


GRAPHS

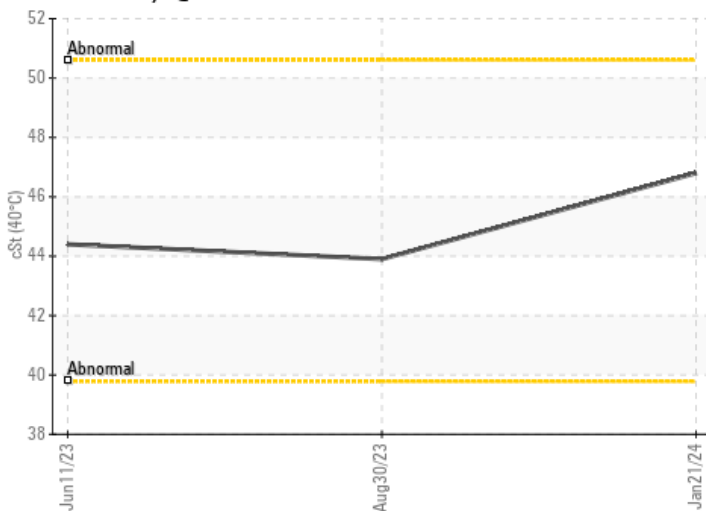
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

