

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 065678-1826 - Hydraulic System

Sample No: LH0232593

Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH0232593	LH	---	---
Sample Date	31 Jul 2023	26 Apr 2023	---	---
Machine Hours	3914	3418	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---

BOIS LIB INC.
 275 RUE JEREMIE-PACAUD
 PRINCEVILLE, QC
 CA G6L 0A1
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	● 44.5	● 45.0	---	---
Acid Number (AN)	mg KOH/g	● 1.13	---	---	---

T:
F:



CONTAMINATION

Particles >4µm		● 19964	● 22332	---	---
Particles >6µm		● 2101	● 3584	---	---
Particles >14µm		● 168	● 233	---	---
ISO 4406:1999 (c)		21/18/15	22/19/15	---	---
Silicon	ppm	● 5	● 4	---	---
Sodium	ppm	● 3	● 4	---	---
Potassium	ppm	● 1	● <1	---	---

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	● 8	● 7	---	---
Copper	ppm	● 3	● 2	---	---
Lead	ppm	● 6	● 4	---	---
Tin	ppm	● 0	● <1	---	---
Aluminum	ppm	● 2	● 2	---	---
Chromium	ppm	● 4	● 4	---	---
Molybdenum	ppm	5	5	---	---
Nickel	ppm	● <1	● <1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

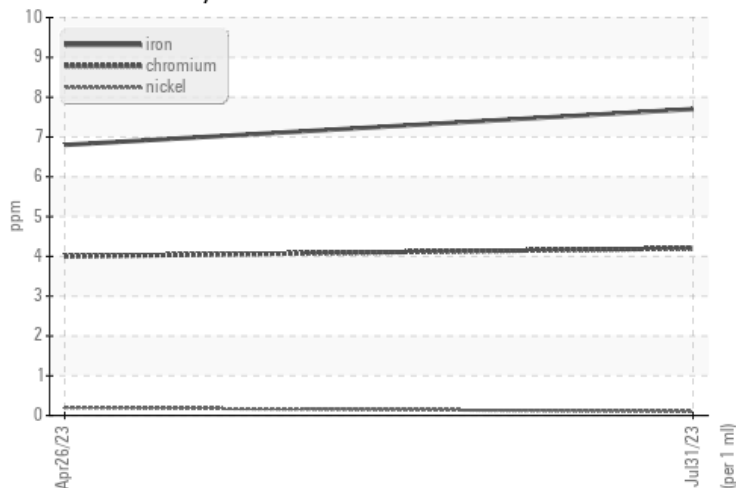
Calcium	ppm	848	804	---	---
Magnesium	ppm	70	79	---	---
Zinc	ppm	787	781	---	---
Phosphorus	ppm	694	708	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	5	5	---	---

Depot: LIBPRI
Unique No: 5643601
Signed: Wes Davis
Report Date: 15 Sep 2023

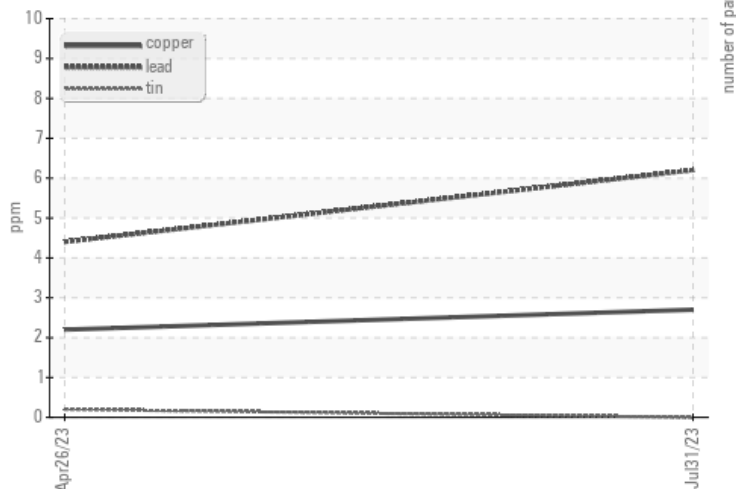


GRAPHS

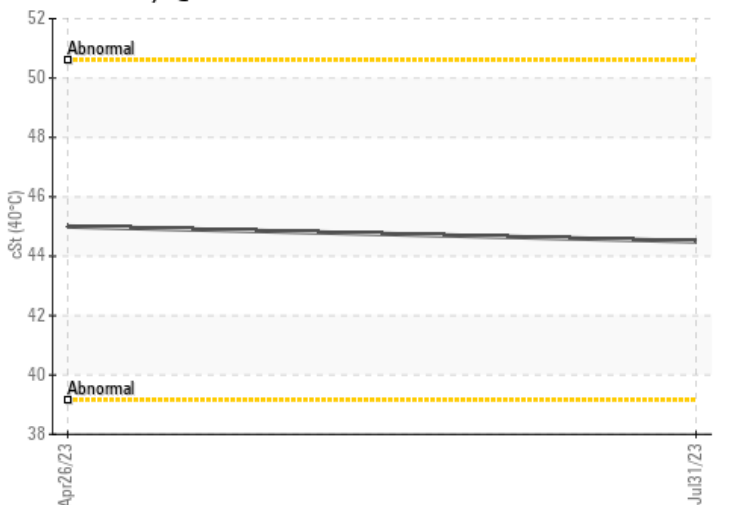
Ferrous Alloys



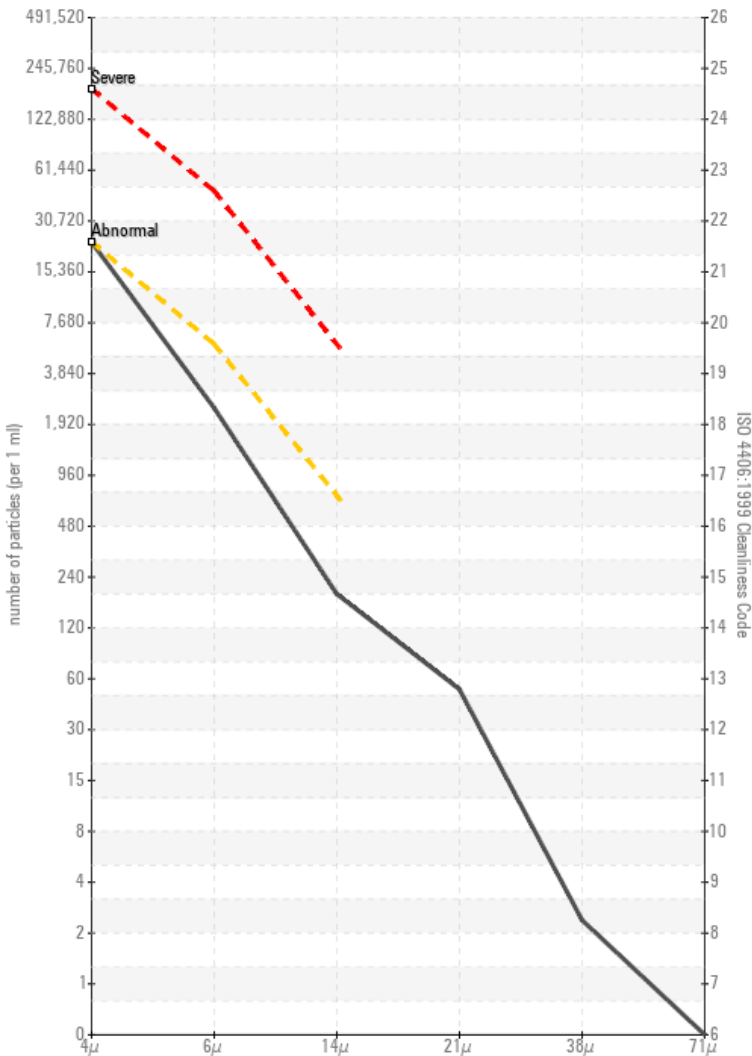
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

