

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 065678-1826 - Hydraulic System

Sample No: LH
Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH	LH0232593	LH	---
Sample Date	20 Dec 2023	31 Jul 2023	26 Apr 2023	---
Machine Hours	4739	3914	3418	---
Oil Hours	0	0	0	---
Oil Changed	N/A	Not Changd	Changed	---
Sample Status	NORMAL	NORMAL	ATTENTION	---

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



OIL CONDITION

Visc @ 40°C	cSt	44.6	44.5	45.0	---
Acid Number (AN)	mg KOH/g	---	1.13	---	---

T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Particles >4µm		5657	19964	22332	---
Particles >6µm		375	2101	3584	---
Particles >14µm		43	168	233	---
ISO 4406:1999 (c)		20/16/13	21/18/15	22/19/15	---
Silicon	ppm	4	5	4	---
Sodium	ppm	2	3	4	---
Potassium	ppm	1	1	<1	---

Diagnosis

Resample at the next service interval to monitor. 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 condition of the oil is acceptable for the time in service.



WEAR METALS

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



ADDITIVES

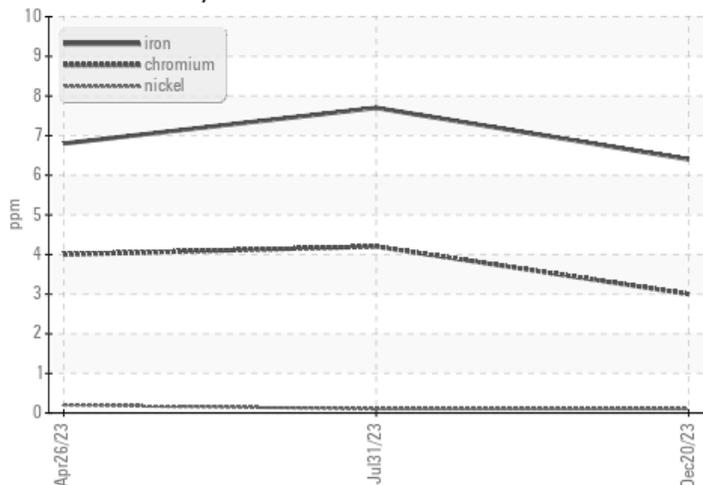
Calcium	ppm	635	848	804	---
Magnesium	ppm	53	70	79	---
Zinc	ppm	816	787	781	---
Phosphorus	ppm	682	694	708	---
Barium	ppm	0	<1	0	---
Boron	ppm	4	5	5	---

Depot: LIBPRI
Unique No: 5698099
Signed: Wes Davis
Report Date: 27 Dec 2023

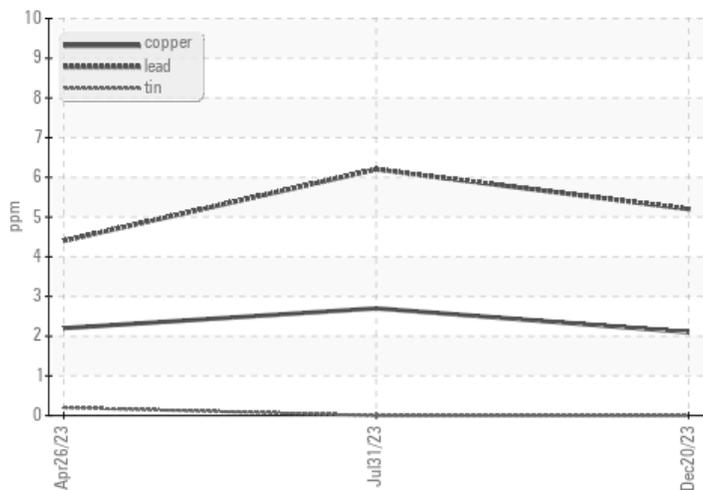


GRAPHS

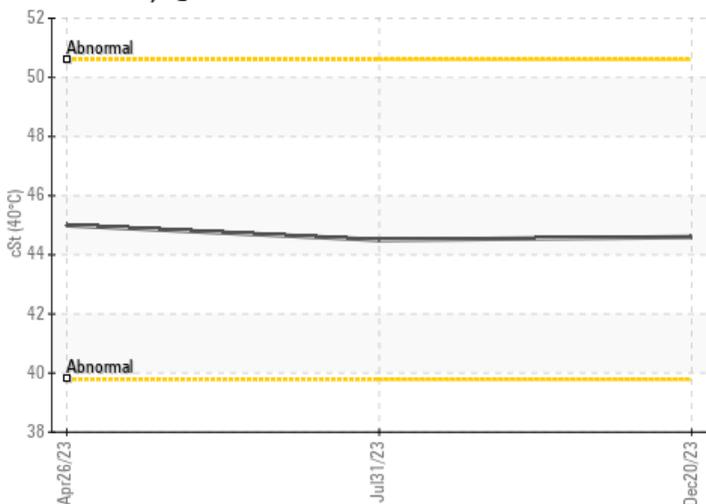
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

