

LIEBHERR

CONSTRUCTION EQUIPMENT



[BROZ] LIEBHERR PR726 24247 - Hydraulic System

Sample No: LH0202918

Oil Type: LIEBHERR HYDRAULIC 37



LIEBHERR CANADA LTD.
 1015 SUTTON DRIVE
 BURLINGTON, ON
 CA L7L 5Z8
 Contact: Steve Lehto
 steve.lehto@liebherr.com
 T: (905)319-9222
 F: (905)319-6617



SAMPLE INFORMATION

Sample Number	LH0202918	LH0234983	---	---
Sample Date	02 Aug 2023	22 Feb 2023	---	---
Machine Hours	900	401	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ATTENTION	ABNORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 43.9	● 45.2	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		● 35215	● 57774	---	---
Particles >6µm		● 7321	● 12775	---	---
Particles >14µm		● 571	● 807	---	---
ISO 4406:1999 (c)		22/20/16	23/21/17	---	---
Silicon	ppm	● 5	● 6	---	---
Sodium	ppm	● 4	● 3	---	---
Potassium	ppm	● 1	● <1	---	---



WEAR METALS

Iron	ppm	● 5	● 5	---	---
Copper	ppm	● 11	● 7	---	---
Lead	ppm	● <1	● <1	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● <1	● <1	---	---
Chromium	ppm	● 0	● 0	---	---
Molybdenum	ppm	● 0	● 0	---	---
Nickel	ppm	● 0	● 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	4	0	---	---
Manganese	ppm	● <1	● <1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	1332	● 1404	---	---
Magnesium	ppm	● 4	● 4	---	---
Zinc	ppm	● 691	● 682	---	---
Phosphorus	ppm	● 641	● 678	---	---
Barium	ppm	● 0	● 0	---	---
Boron	ppm	● <1	● <1	---	---

Diagnosis

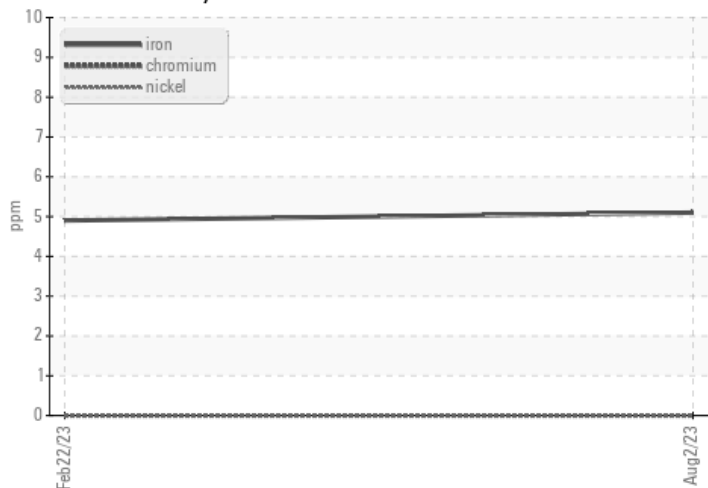
We recommend you service the filters on this component. Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The water content is negligible. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: LIEMIS
 Unique No: 5619589
 Signed: Kevin Marson
 Report Date: 09 Aug 2023

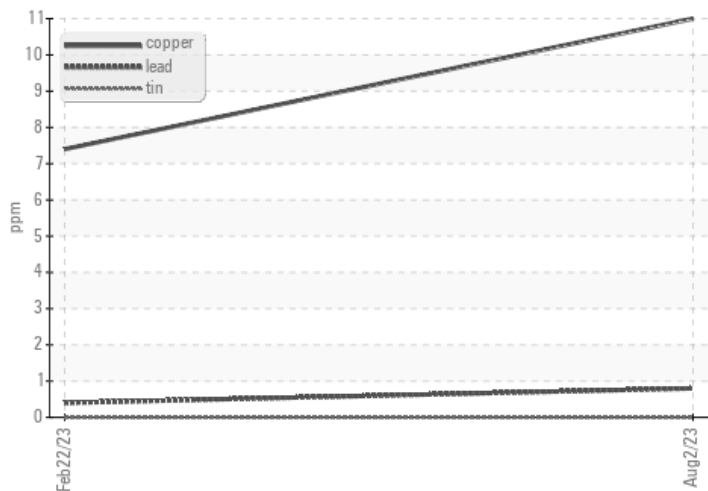


GRAPHS

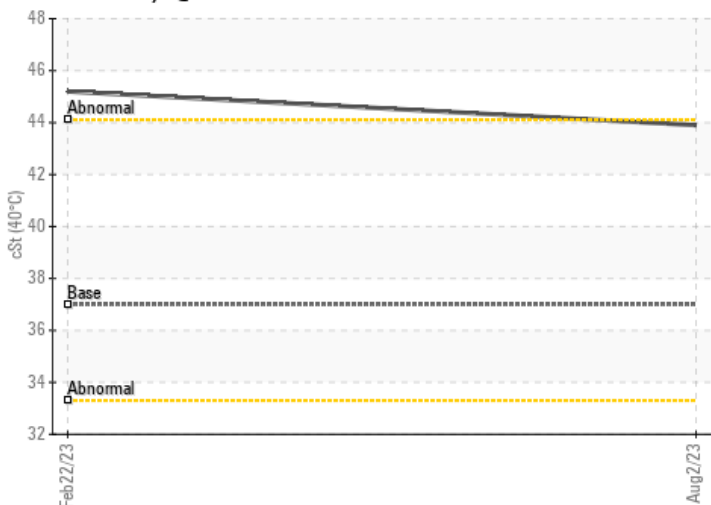
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

