

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR PR736 26648 - Hydraulic System

Sample No: LH0225143

Oil Type: LIEBHERR HYDRAULIC HVI



LIEBHERR CANADA LTD.
 10374 267 ST.
 ACHESON, AB
 CA T7X 6A2
 Contact: Dustin Fluet
 dustin.fluet@liebherr.com
 T: (780)962-6088
 F: (780)962-6799



SAMPLE INFORMATION

Sample Number	LH0225143	---	---	---
Sample Date	11 Jan 2024	---	---	---
Machine Hours	361	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 47.4	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		● 9250	---	---	---
Particles >6µm		● 1591	---	---	---
Particles >14µm		● 48	---	---	---
ISO 4406:1999 (c)		20/18/13	---	---	---
Silicon	ppm	● 1	---	---	---
Sodium	ppm	● 0	---	---	---
Potassium	ppm	● <1	---	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	190	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 840	---	---	---
Phosphorus	ppm	● 665	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 0	---	---	---

Diagnosis

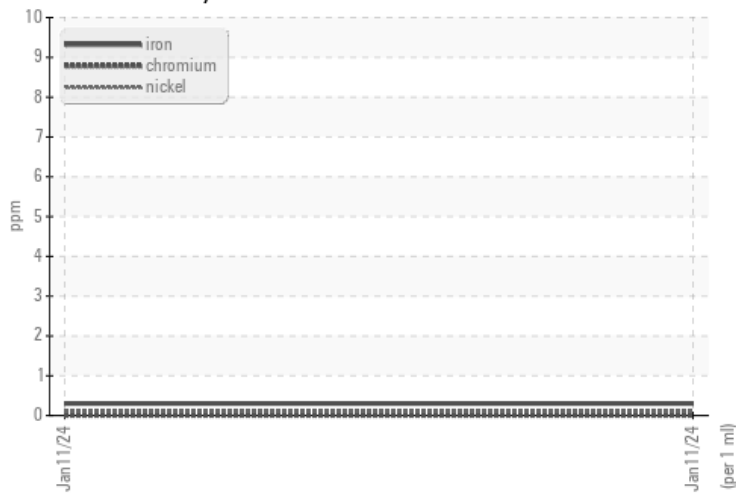
Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: LIESPR
Unique No: 5711074
Signed: Kevin Marson
Report Date: 22 Jan 2024

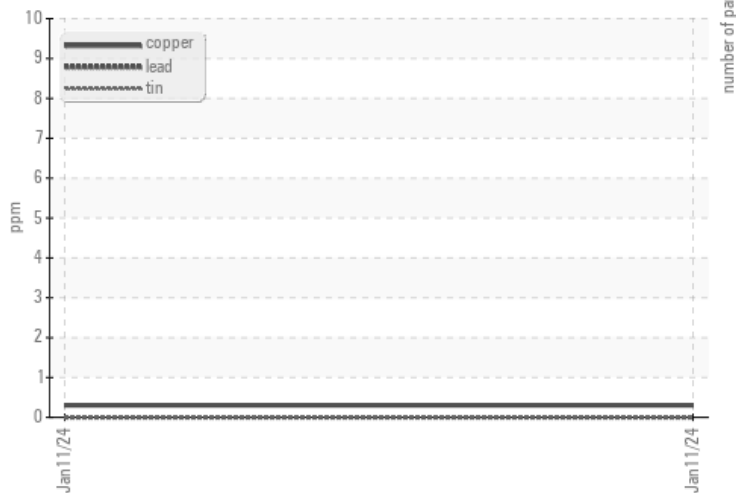


GRAPHS

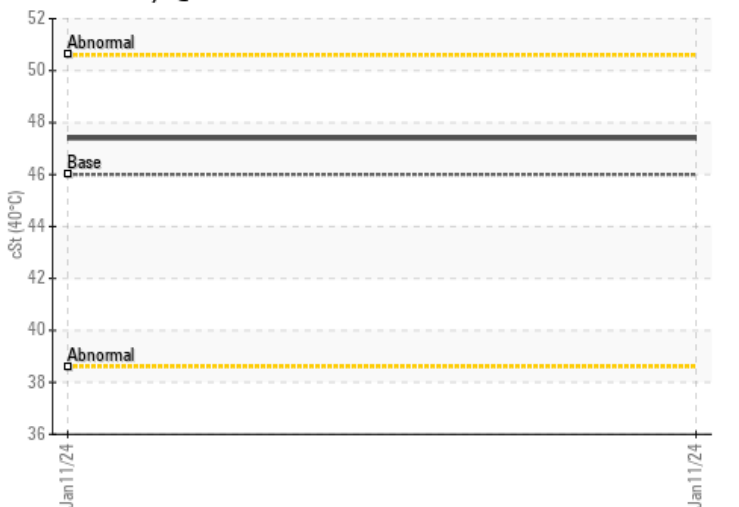
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

