

LIEBHERR

CONSTRUCTION EQUIPMENT



[[DEAN PATTERSON]] LIEBHERR PR726LGP 019493-1331- Hydraul

Sample No: LH0244606

Oil Type: LIEBHERR HYDRAULIC HVI



LIEBHERR EQUIPMENT SOURCE
 8200 FAYETTEVILLE ROAD
 RALEIGH, NC
 US 27603
 Contact: JOSEPH GERMEROOTH
 joseph.germeroth@liebherr.com
 T:
 F: (919)329-0084



SAMPLE INFORMATION

Sample Number	LH0244606	---	---	---
Sample Date	23 Jan 2024	---	---	---
Machine Hours	1618	---	---	---
Oil Hours	580	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	45.8	---	---	---
Acid Number (AN)	mg KOH/g	0.98	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		12093	---	---	---
Particles >6µm		3602	---	---	---
Particles >14µm		266	---	---	---
ISO 4406:1999 (c)		21/19/15	---	---	---
Silicon	ppm	5	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	2	---	---	---



WEAR METALS

Iron	ppm	12	---	---	---
Copper	ppm	12	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1281	---	---	---
Magnesium	ppm	8	---	---	---
Zinc	ppm	585	---	---	---
Phosphorus	ppm	426	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Diagnosis

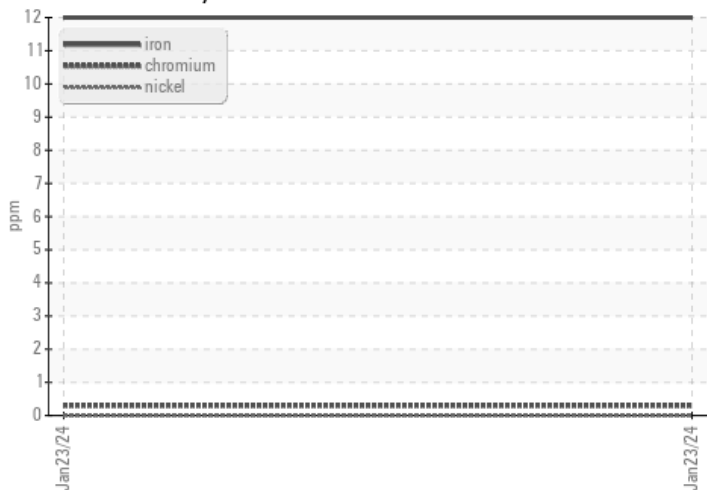
Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further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

Depot: LIEBHERRNC
 Unique No: 10848243
 Signed: Wes Davis
 Report Date: 29 Jan 2024

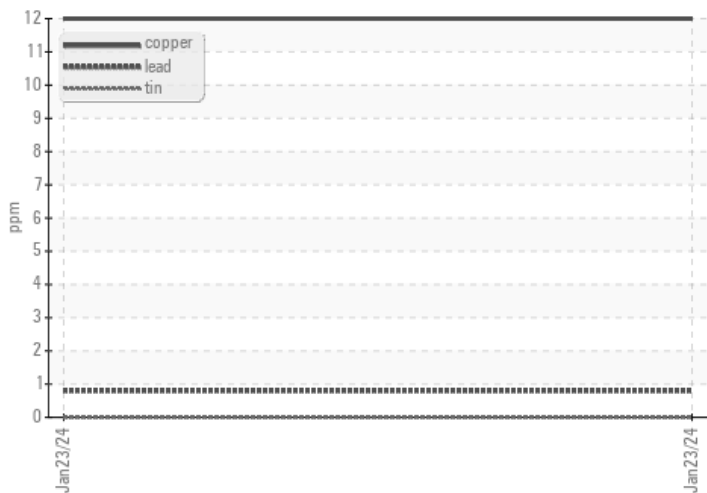


GRAPHS

Ferrous Alloys



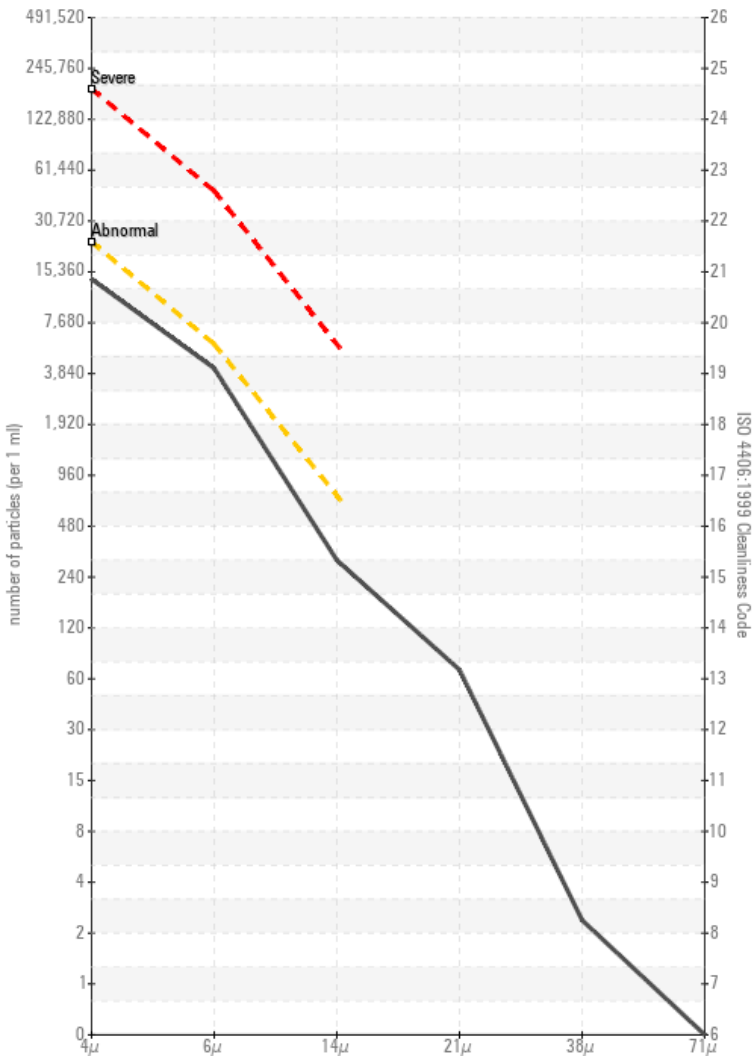
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

