

LIEBHERR

CONSTRUCTION EQUIPMENT



[[SACENTERPRISES]] LIEBHERR PR726LGP 019191-1331 - Hydraulic

Sample No: LH0264108

Oil Type: LIEBHERR HYDRAULIC HVI



LIEBHERR EQUIPMENT SOURCE
 8200 FAYETTEVILLE ROAD
 RALEIGH, NC
 US 27603
 Contact: TRAVIS EGAN
 travis.egan@liebherr.com
 T:
 F: (919)329-0084



SAMPLE INFORMATION

Sample Number	LH0264108	LH0220443	---	---
Sample Date	11 Jul 2023	14 Apr 2022	---	---
Machine Hours	2092	1024	---	---
Oil Hours	2000	1000	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ATTENTION	ATTENTION	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 46.4	● 46.1	---	---
Acid Number (AN)	mg KOH/g	● 1.02	● 1.32	---	---



CONTAMINATION

Particles >4µm		● 23074	● 21912	---	---
Particles >6µm		● 2670	● 4263	---	---
Particles >14µm		● 33	● 143	---	---
ISO 4406:1999 (c)		22/19/12	22/19/14	---	---
Silicon	ppm	● 6	● 3	---	---
Sodium	ppm	● 8	● 8	---	---
Potassium	ppm	● 6	● <1	---	---



WEAR METALS

Iron	ppm	● 8	● 8	---	---
Copper	ppm	● 8	● 12	---	---
Lead	ppm	● 2	● 2	---	---
Tin	ppm	● 0	● <1	---	---
Aluminum	ppm	● 4	● 2	---	---
Chromium	ppm	● <1	● <1	---	---
Molybdenum	ppm	● 3	● <1	---	---
Nickel	ppm	● 0	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	● <1	● <1	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	● 942	● 1383	---	---
Magnesium	ppm	● 14	● 8	---	---
Zinc	ppm	● 610	● 686	---	---
Phosphorus	ppm	● 525	● 627	---	---
Barium	ppm	● 0	● 0	---	---
Boron	ppm	● 2	● 2	---	---

Diagnosis

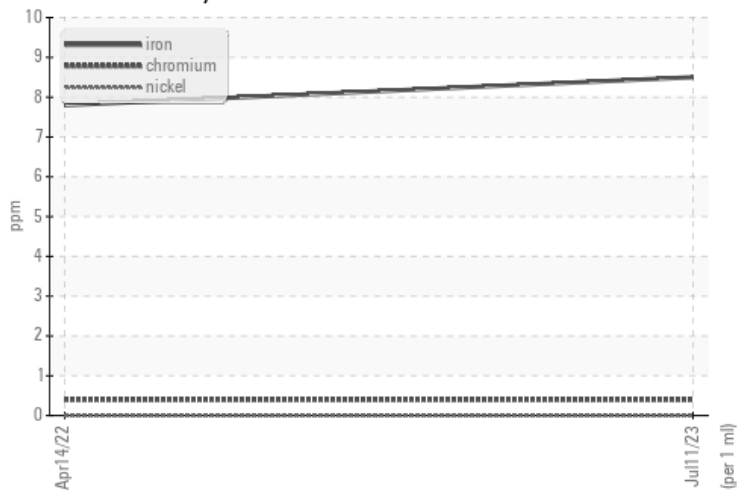
The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: LIEBHERRNC
 Unique No: 10553170
 Signed: Wes Davis
 Report Date: 14 Jul 2023

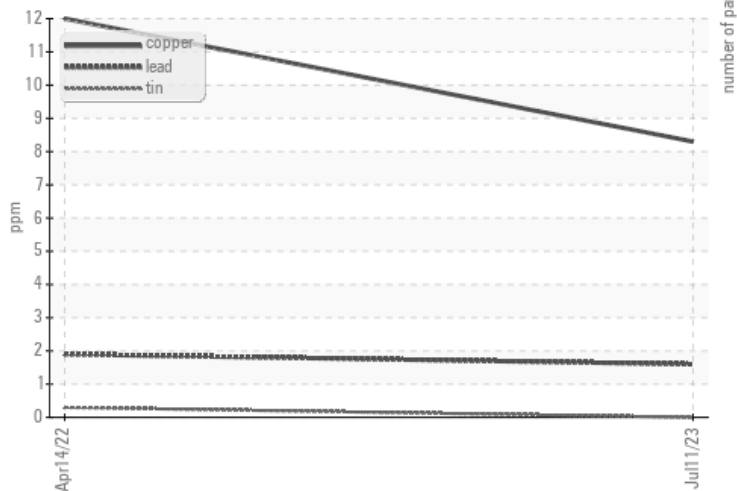


GRAPHS

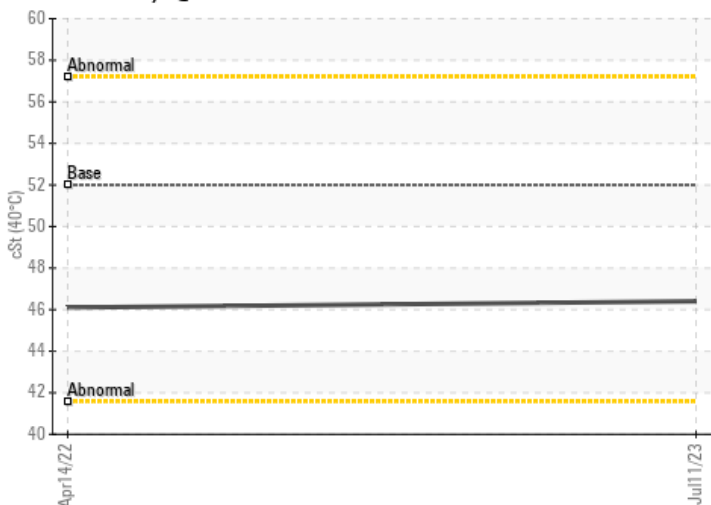
Ferrous Alloys



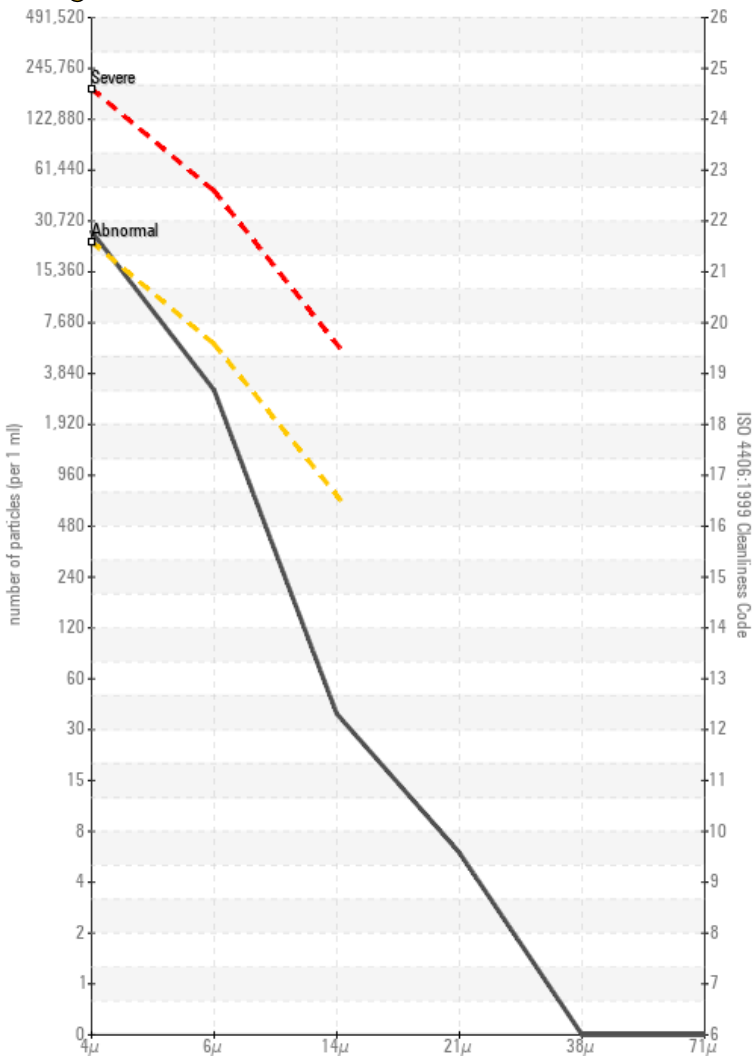
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

