

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR PR726 026568-1793 - Hydraulic System

Sample No: LH0244628

Oil Type: LIEBHERR HYDRAULIC HVI



RECO EQUIPMENT INC
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 US 48116
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SAMPLE INFORMATION

Sample Number	LH0244628	---	---	---
Sample Date	22 Jan 2024	---	---	---
Machine Hours	450	---	---	---
Oil Hours	450	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	46.2	---	---	---
Acid Number (AN)	mg KOH/g	1.63	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		20378	---	---	---
Particles >6µm		2806	---	---	---
Particles >14µm		112	---	---	---
ISO 4406:1999 (c)		22/19/14	---	---	---
Silicon	ppm	6	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	2	---	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	1349	---	---	---
Magnesium	ppm	5	---	---	---
Zinc	ppm	699	---	---	---
Phosphorus	ppm	643	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	0	---	---	---

Diagnosis

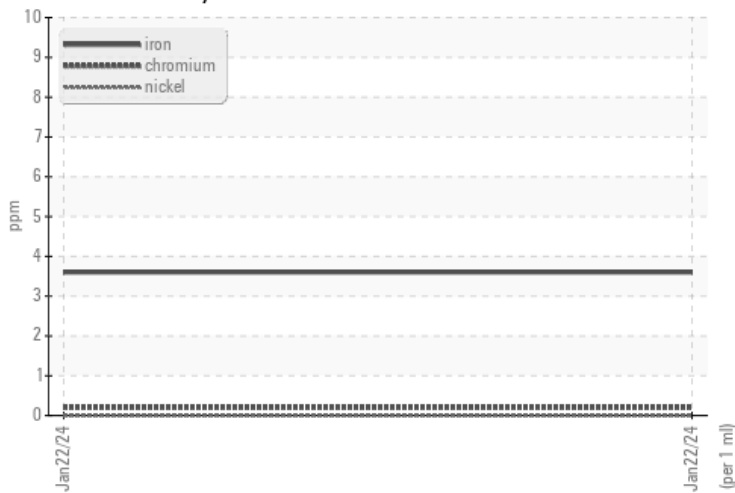
We recommend you service the filters on this component. Resample at the next service interval to monitor. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: RECBRILH
Unique No: 10952646
Signed: Wes Davis
Report Date: 01 Apr 2024

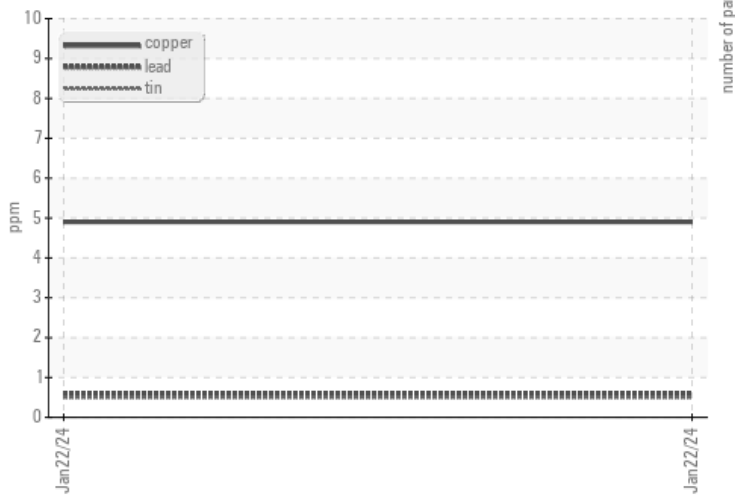


GRAPHS

Ferrous Alloys



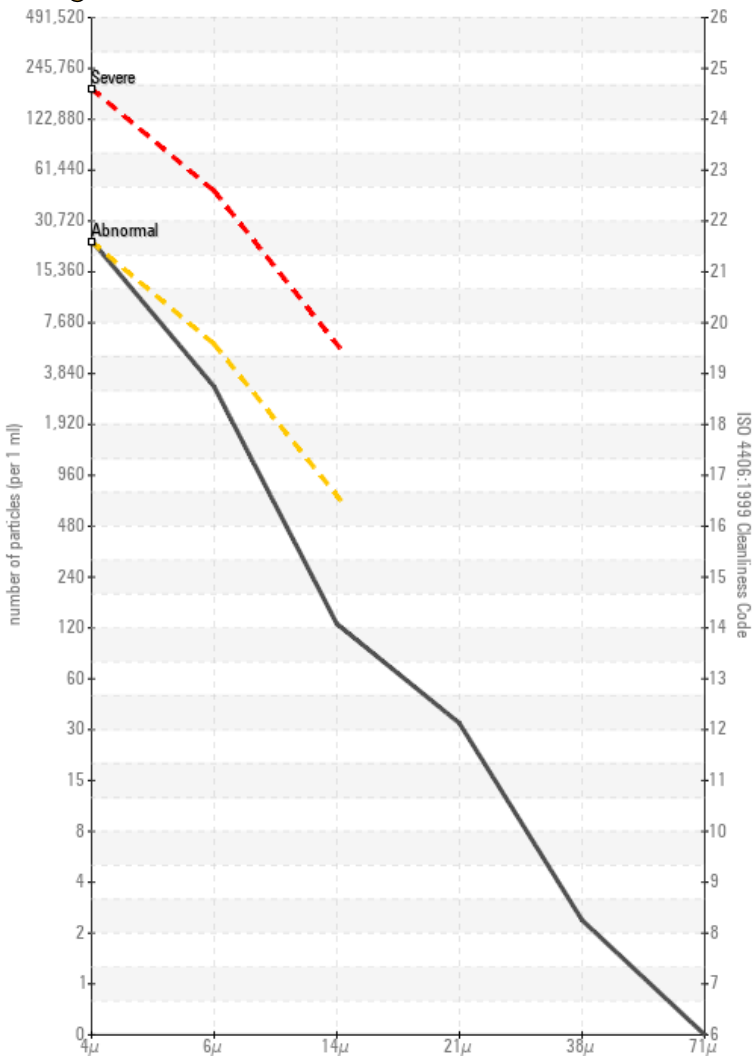
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

