

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R926 056525-1715 - Hydraulic System

Sample No: LH0268484

Oil Type: LIEBHERR HYDRAULIC HVI



#### SAMPLE INFORMATION

Sample Number	LH0268484	---	---	---
Sample Date	07 Dec 2023	---	---	---
Machine Hours	840	---	---	---
Oil Hours	840	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

#### LIEBHERR EQUIPMENT SOURCE

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



#### OIL CONDITION

Visc @ 40°C	cSt	43.9	---	---	---
Acid Number (AN)	mg KOH/g	1.44	---	---	---



#### CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		2252	---	---	---
Particles >6µm		405	---	---	---
Particles >14µm		20	---	---	---
ISO 4406:1999 (c)		18/16/11	---	---	---
Silicon	ppm	5	---	---	---
Sodium	ppm	4	---	---	---
Potassium	ppm	0	---	---	---

#### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



#### WEAR METALS

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



#### ADDITIVES

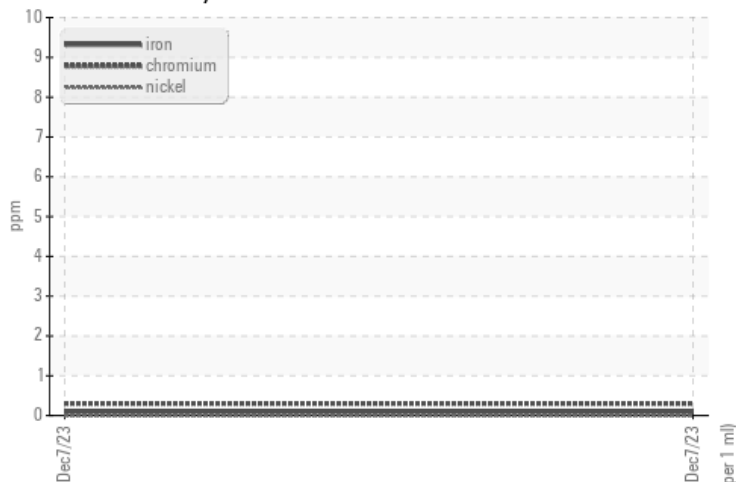
Calcium	ppm	1299	---	---	---
Magnesium	ppm	19	---	---	---
Zinc	ppm	692	---	---	---
Phosphorus	ppm	612	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: LIEBHERRNC  
 Unique No: 10780260  
 Signed: Don Baldrige  
 Report Date: 13 Dec 2023

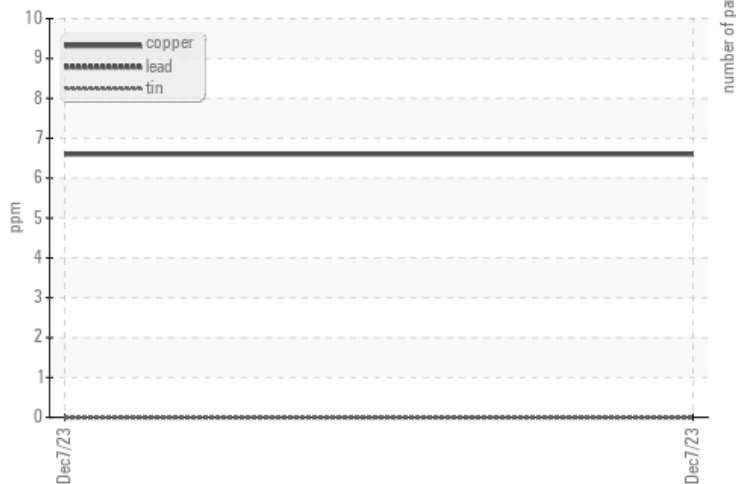


### GRAPHS

#### Ferrous Alloys



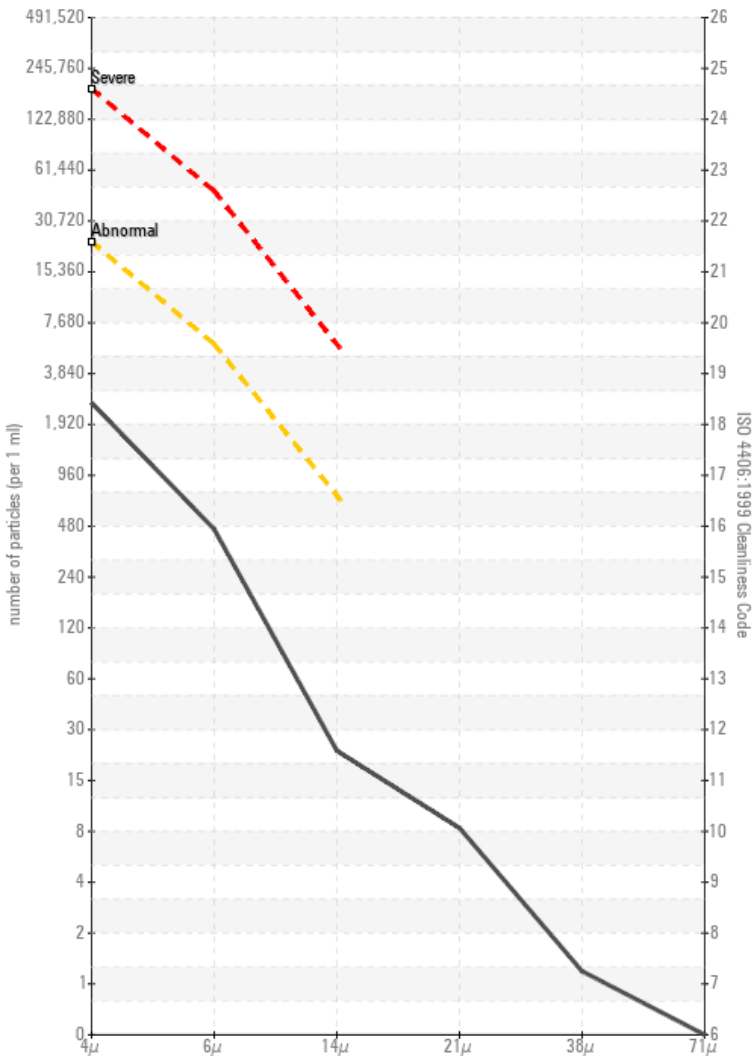
#### Non-ferrous Metals



#### Viscosity @ 40°C



#### Particle Count



#### Acid Number

