

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L580 066510-1760 - Hydraulic System

Sample No: LH06000462

Oil Type: AW HYDRAULIC OIL ISO 32



#### SAMPLE INFORMATION

Sample Number	LH06000462	---	---	---
Sample Date	24 Oct 2023	---	---	---
Machine Hours	6381	---	---	---
Oil Hours	553	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

**RECO EQUIPMENT INC.**  
 1615 JP HENESSY DRIVE  
 LAVERGNE, TN  
 US 37086  
 Contact: KEN FISCHER



#### OIL CONDITION

Visc @ 40°C	cSt	39.33	---	---	---
Acid Number (AN)	mg KOH/g	0.56	---	---	---

T: (615)610-7326  
 F:



#### CONTAMINATION

Particles >4µm		43951	---	---	---
Particles >6µm		3401	---	---	---
Particles >14µm		59	---	---	---
ISO 4406:1999 (c)		23/19/13	---	---	---
Silicon	ppm	6	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	3	---	---	---

#### 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 high 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 acceptable for the time in service.



#### WEAR METALS

Iron	ppm	2	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	2	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	2	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

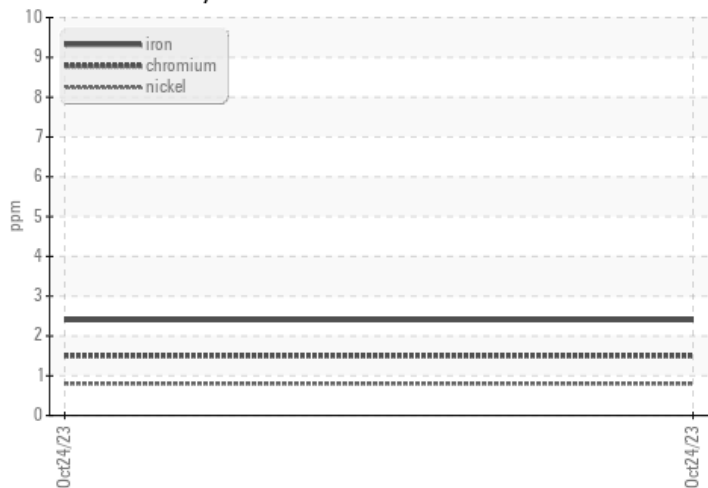
Calcium	ppm	122	---	---	---
Magnesium	ppm	17	---	---	---
Zinc	ppm	405	---	---	---
Phosphorus	ppm	344	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

**Depot:** RECLAV  
**Unique No:** 10728822  
**Signed:** Angela Borella  
**Report Date:** 14 Nov 2023

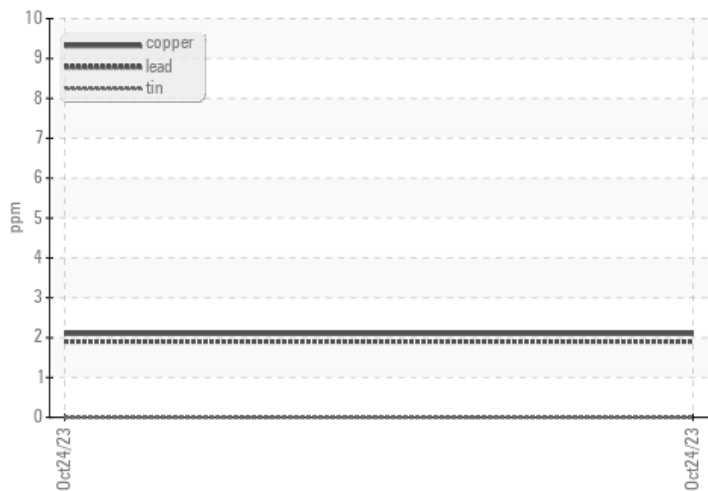


### GRAPHS

#### Ferrous Alloys



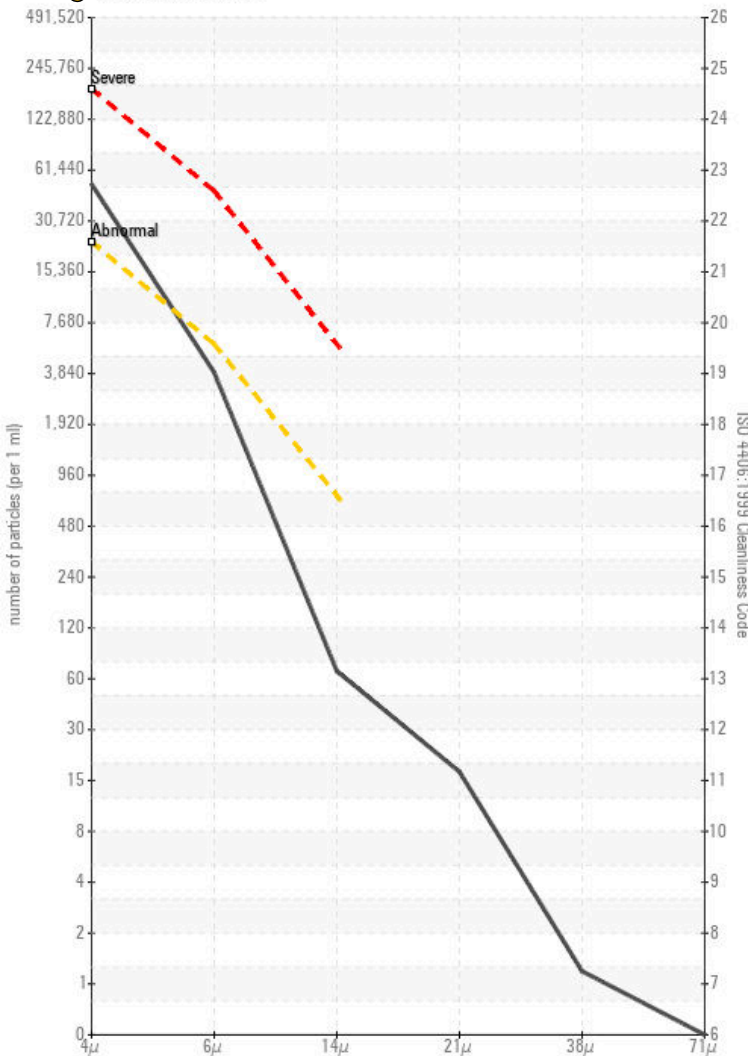
#### Non-ferrous Metals



#### Viscosity @ 40°C



#### Particle Count



#### Acid Number

