

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L580 066006-1760 - Hydraulic System

Sample No: LH0262525

Oil Type: LIEBHERR HYDRAULIC HVI



#### SAMPLE INFORMATION

Sample Number	LH0262525	LH0220683	---	---
Sample Date	06 Sep 2023	16 Sep 2022	---	---
Machine Hours	2465	5	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

**MR BULTS INC**  
 2627 E 139TH ST  
 BURNHAM, IL  
 US 60633  
 Contact: SERVICE MANAGER



#### OIL CONDITION

Visc @ 40°C	cSt	43.6	47.5	---	---
Acid Number (AN)	mg KOH/g	1.03	1.22	---	---

T: (708)868-0059  
 F:



#### CONTAMINATION

Particles >4µm		10300	2103	---	---
Particles >6µm		1098	121	---	---
Particles >14µm		69	12	---	---
ISO 4406:1999 (c)		21/17/13	18/14/11	---	---
Silicon	ppm	3	2	---	---
Sodium	ppm	3	2	---	---
Potassium	ppm	0	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.



#### WEAR METALS

Iron	ppm	7	1	---	---
Copper	ppm	4	<1	---	---
Lead	ppm	4	<1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	3	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

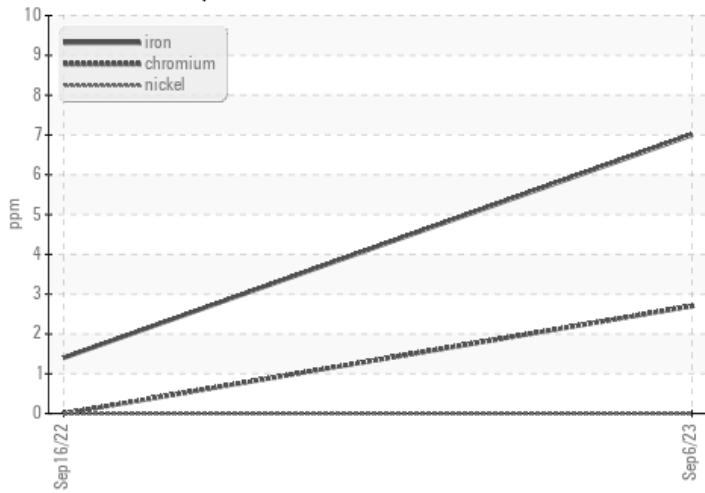
Calcium	ppm	1388	1380	---	---
Magnesium	ppm	4	5	---	---
Zinc	ppm	687	716	---	---
Phosphorus	ppm	582	629	---	---
Barium	ppm	0	0	---	---
Boron	ppm	0	0	---	---

**Depot:** MRBBURLH  
**Unique No:** 10700861  
**Signed:** Wes Davis  
**Report Date:** 20 Oct 2023

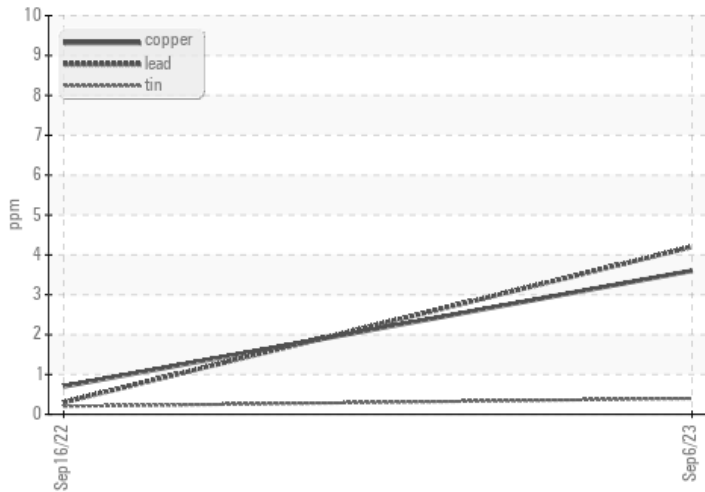


### GRAPHS

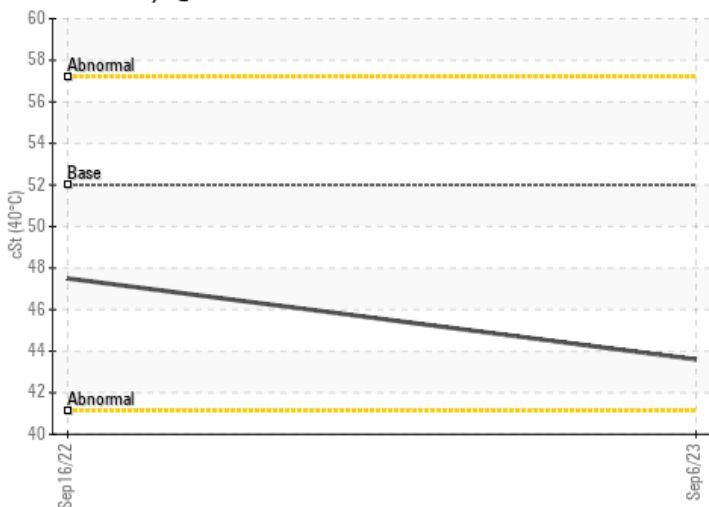
#### Ferrous Alloys



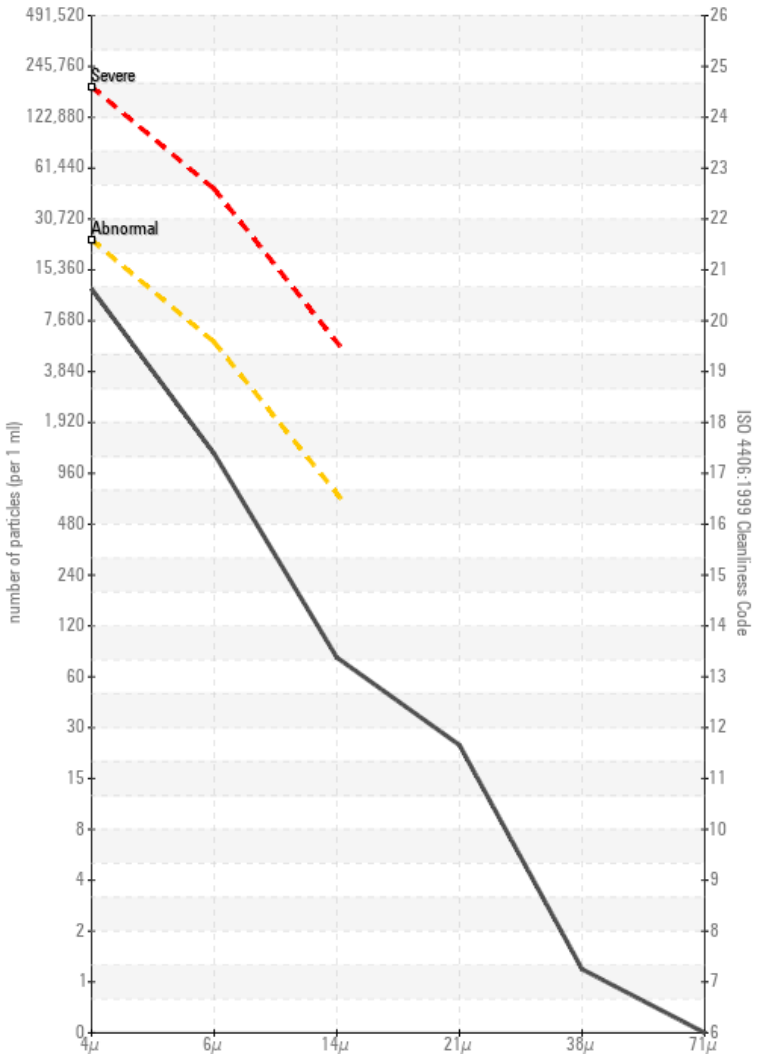
#### Non-ferrous Metals



#### Viscosity @ 40°C



#### Particle Count



#### Acid Number

