

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L566 041171-1168 - Hydraulic System

Sample No: LHMC141116

Oil Type: LIEBHERR HYDRAULIC



#### SAMPLE INFORMATION

Sample Number	LHMC141116	---	---	---
Sample Date	04 Nov 2023	---	---	---
Machine Hours	9561	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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



#### OIL CONDITION

Visc @ 40°C	cSt	44.0	---	---	---
Acid Number (AN)	mg KOH/g	0.33	---	---	---

T: (708)868-0059  
 F:



#### CONTAMINATION

Particles >4µm		5321	---	---	---
Particles >6µm		1552	---	---	---
Particles >14µm		146	---	---	---
ISO 4406:1999 (c)		20/18/14	---	---	---
Silicon	ppm	<1	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	0	---	---	---

#### Diagnosis

Resample at the next service interval to monitor. Tests do not reveal cause for reported problem. All component wear rates are normal. The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



#### WEAR METALS

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



#### ADDITIVES

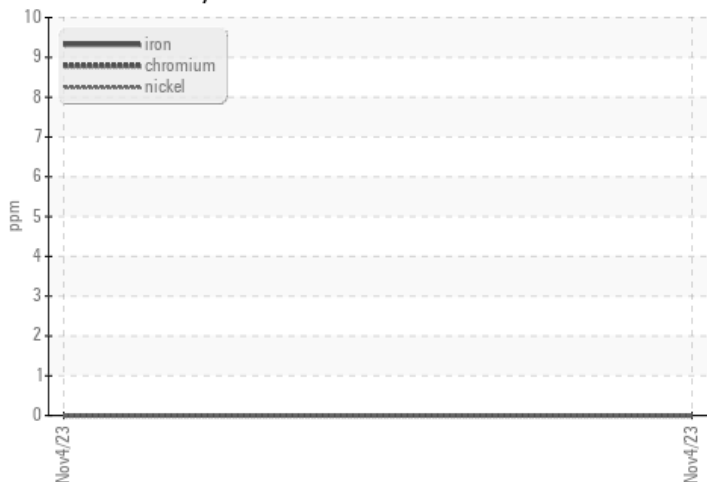
Calcium	ppm	55	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	375	---	---	---
Phosphorus	ppm	301	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

**Depot:** MRBBURLH  
**Unique No:** 10741374  
**Signed:** Don Baldrige  
**Report Date:** 16 Nov 2023



### GRAPHS

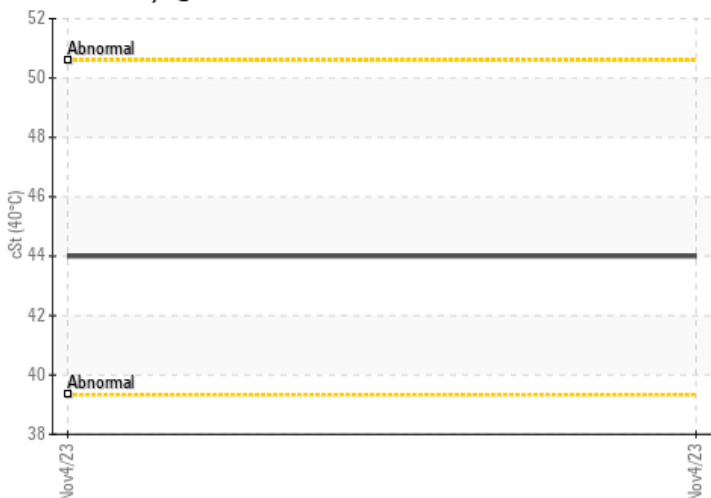
#### Ferrous Alloys



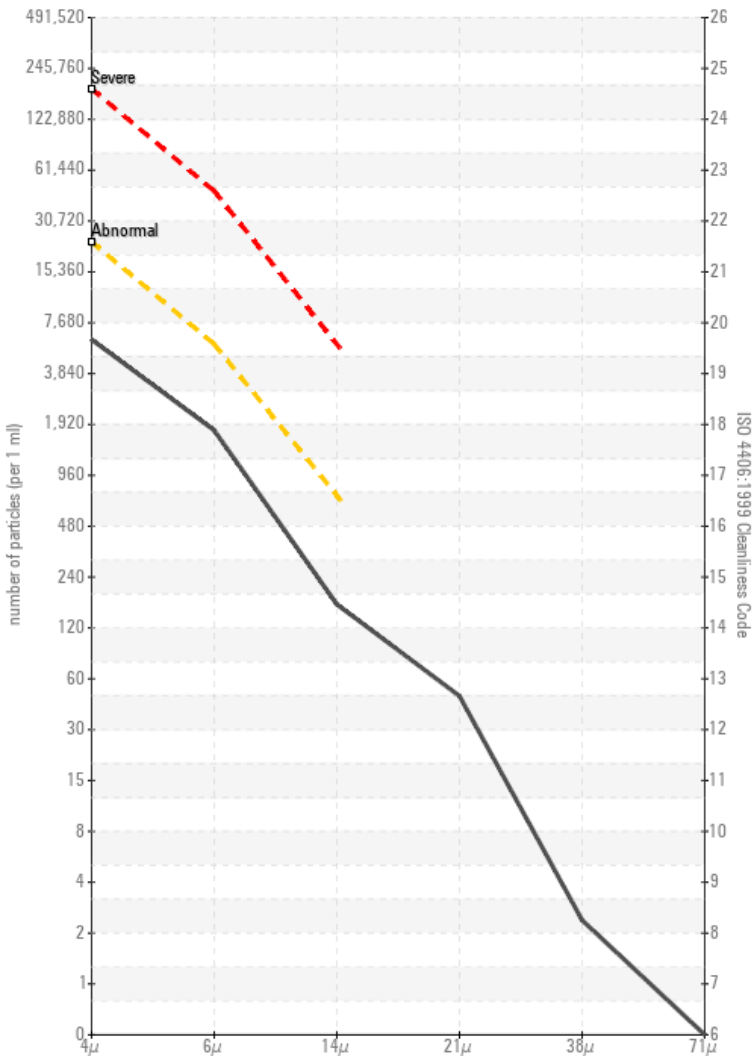
#### Non-ferrous Metals



#### Viscosity @ 40°C



#### Particle Count



#### Acid Number

