

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH26M 1252-113971 - Hydraulic System

Sample No: LH0219050
 Oil Type: LIEBHERR 46



DUNN SCRAP IRON AND METAL
 1604 SOUTH WILSON AVE
 DUNN, NC
 US 28335
 Contact:

T:
 F:



SAMPLE INFORMATION

Sample Number	LH0219050	---	---	---
Sample Date	20 Sep 2023	---	---	---
Machine Hours	4172	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 46.9	---	---	---
Acid Number (AN)	mg KOH/g	● 1.02	---	---	---



CONTAMINATION

Particles >4µm		● 966	---	---	---
Particles >6µm		● 208	---	---	---
Particles >14µm		● 12	---	---	---
ISO 4406:1999 (c)		17/15/11	---	---	---
Silicon	ppm	● 3	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 1	---	---	---

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	● 32	---	---	---
Copper	ppm	● 8	---	---	---
Lead	ppm	● 2	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

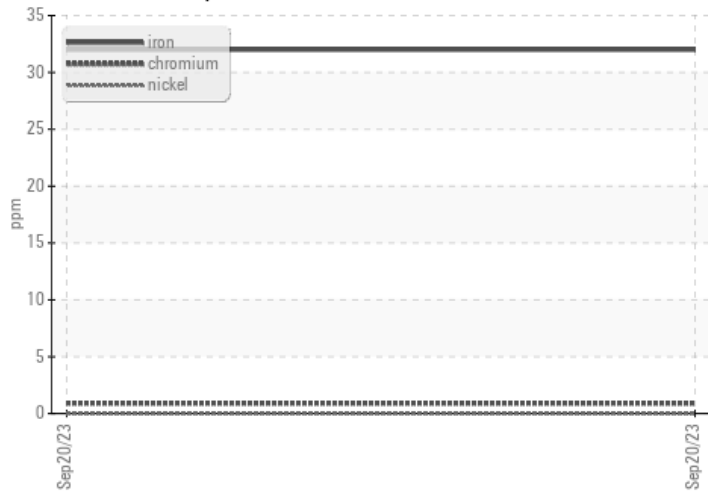
Calcium	ppm	1181	---	---	---
Magnesium	ppm	8	---	---	---
Zinc	ppm	690	---	---	---
Phosphorus	ppm	520	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: DUNDUNNC
 Unique No: 10674275
 Signed: Wes Davis
 Report Date: 04 Oct 2023

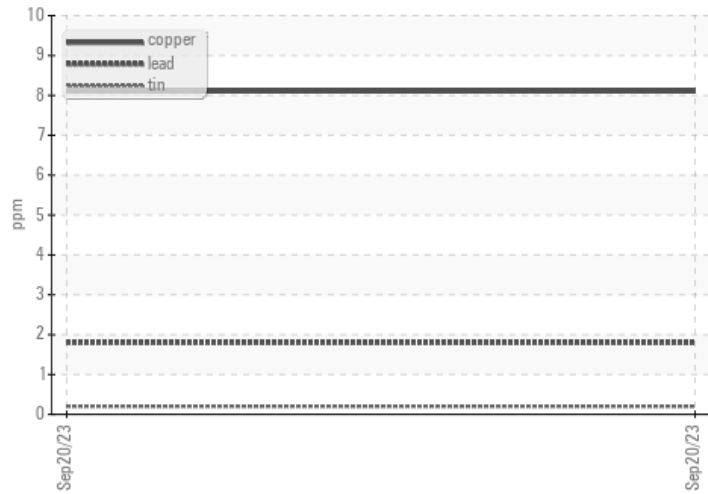


GRAPHS

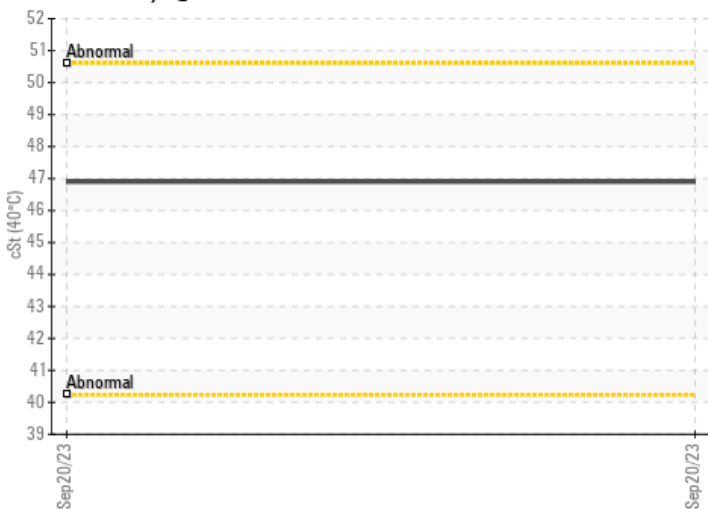
Ferrous Alloys



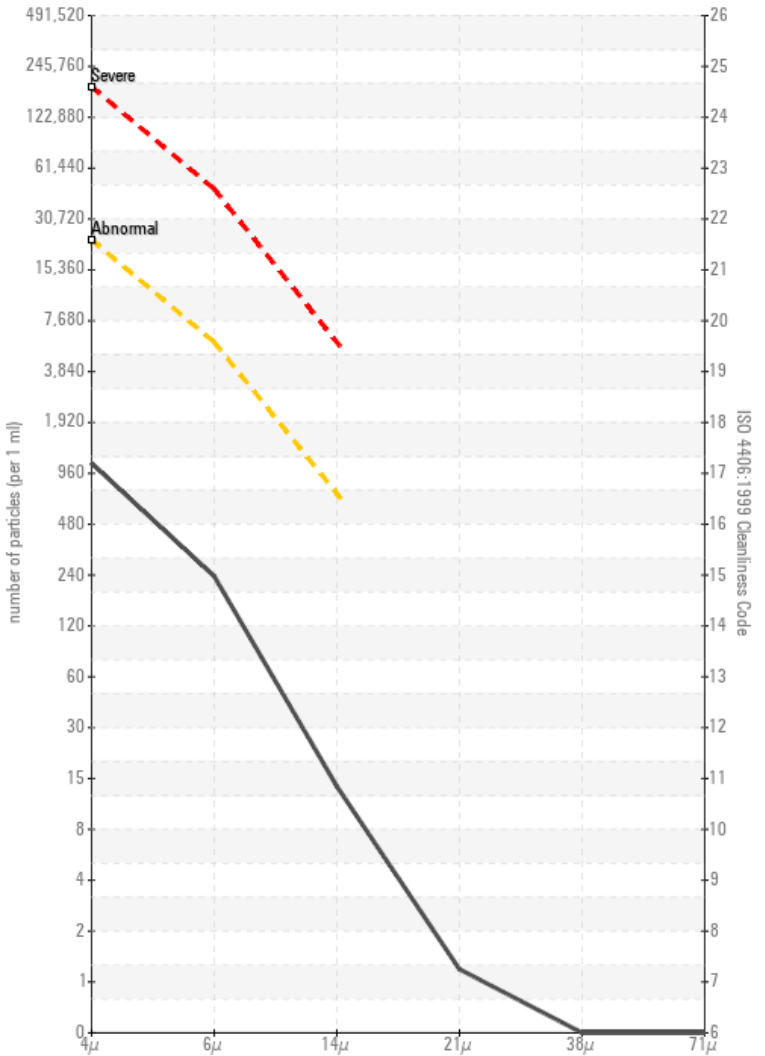
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

