

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR PR716 016338-1423 - Hydraulic System

Sample No: LH0229802

Oil Type: NOT GIVEN



#### NUECES POWER EQUIPMENT

7510 IH37  
CORPUS CRISTI, TX  
US 78409  
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T: (361)289-0066  
F: (361)289-0368



#### SAMPLE INFORMATION

Sample Number	LH0229802	---	---	---
Sample Date	25 May 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	● 47.0	---	---	---
Acid Number (AN)	mg KOH/g	● 1.18	---	---	---



#### CONTAMINATION

Particles >4µm		● 64493	---	---	---
Particles >6µm		● 12600	---	---	---
Particles >14µm		● 397	---	---	---
ISO 4406:1999 (c)		23/21/16	---	---	---
Silicon	ppm	● 5	---	---	---
Sodium	ppm	● 4	---	---	---
Potassium	ppm	● 2	---	---	---



#### WEAR METALS

Iron	ppm	● 9	---	---	---
Copper	ppm	● 10	---	---	---
Lead	ppm	● 3	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 0	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	● 0	---	---	---



#### ADDITIVES

Calcium	ppm	● 1253	---	---	---
Magnesium	ppm	● 3	---	---	---
Zinc	ppm	● 676	---	---	---
Phosphorus	ppm	● 549	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 0	---	---	---

#### Diagnosis

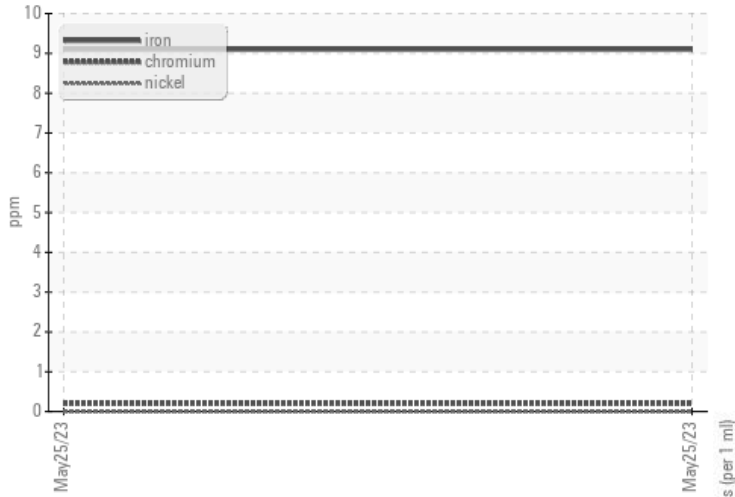
The filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

Depot: NUECOR  
Unique No: 10535567  
Signed: Wes Davis  
Report Date: 30 Jun 2023

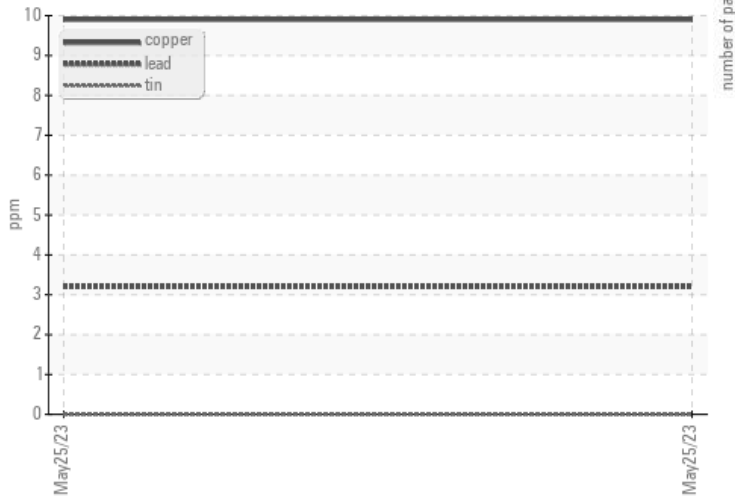


### GRAPHS

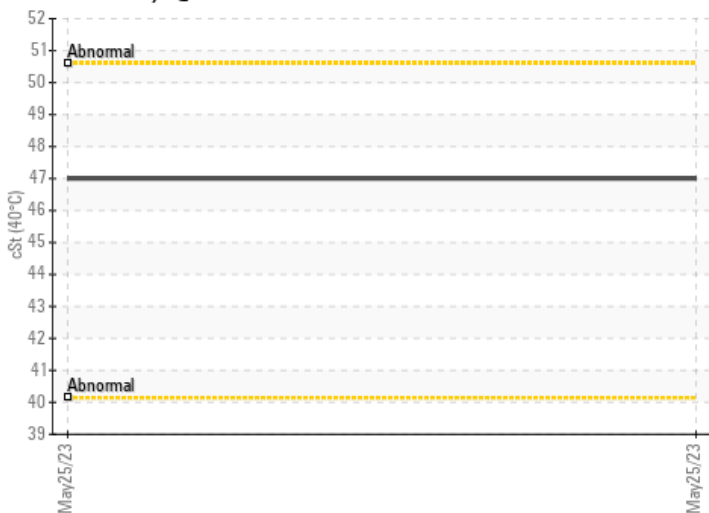
#### Ferrous Alloys



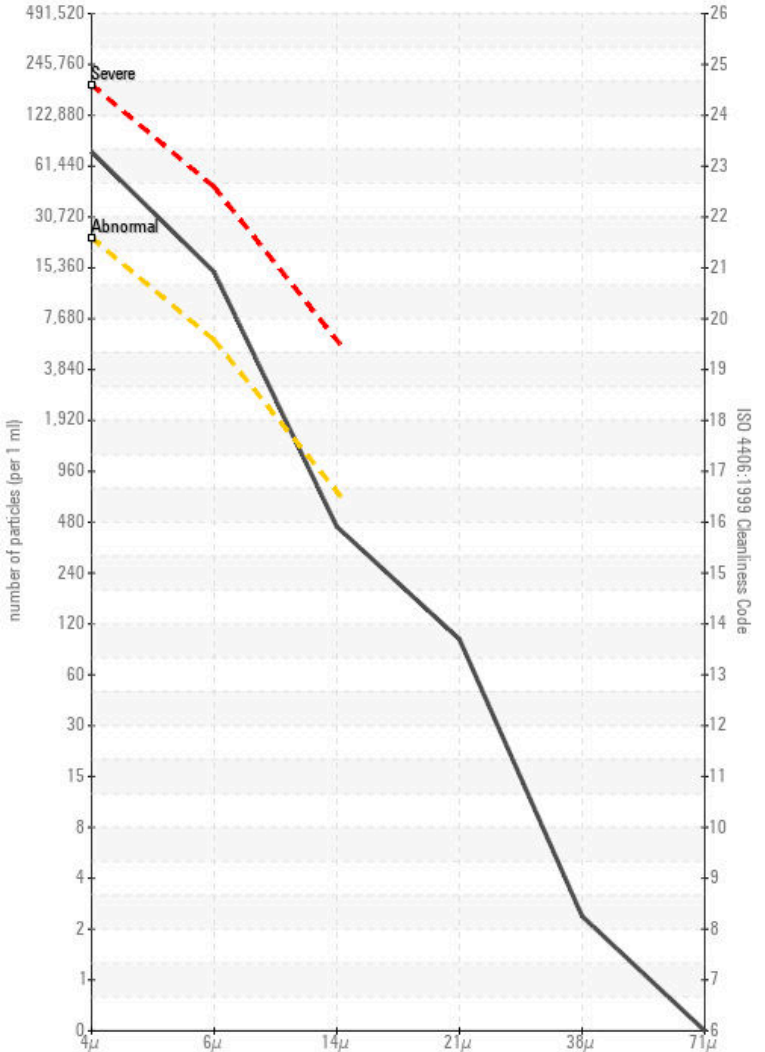
#### Non-ferrous Metals



#### Viscosity @ 40°C



#### Particle Count



#### Acid Number

