

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR PR716 018429-1422 - Hydraulic System

Sample No: LH0288278

Oil Type: LIEBHERR HYDRAULIC HVI



**COLOURED AGGREGATES INC.**  
 158 DON HILLOCK DRIVE,, UNIT 12-13  
 AURORA, ON  
 CA L4G 0H6  
 Contact: Jeff Oravec  
 Jeff@colouredaggregates.com  
 T: (416)491-0230  
 F:



#### Sample Information

Sample Number	LH0288278	---	---	---
Sample Date	15 Apr 2024	---	---	---
Machine Hours	886	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



#### Oil Condition

Visc @ 40°C	cSt	● 46.3	---	---	---
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#### Contamination

Water	%	NEG	---	---	---
Particles >4µm		● 13919	---	---	---
Particles >6µm		● 2245	---	---	---
Particles >14µm		● 46	---	---	---
ISO 4406:1999 (c)		21/18/13	---	---	---
Silicon	ppm	● <1	---	---	---
Sodium	ppm	● 3	---	---	---
Potassium	ppm	● 0	---	---	---



#### Wear Metals

Iron	ppm	● 5	---	---	---
Copper	ppm	● 3	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 0	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 0	---	---	---
Vanadium	ppm	0	---	---	---



#### Additives

Calcium	ppm	● 1367	---	---	---
Magnesium	ppm	● 7	---	---	---
Zinc	ppm	● 513	---	---	---
Phosphorus	ppm	403	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● <1	---	---	---

#### Diagnosis

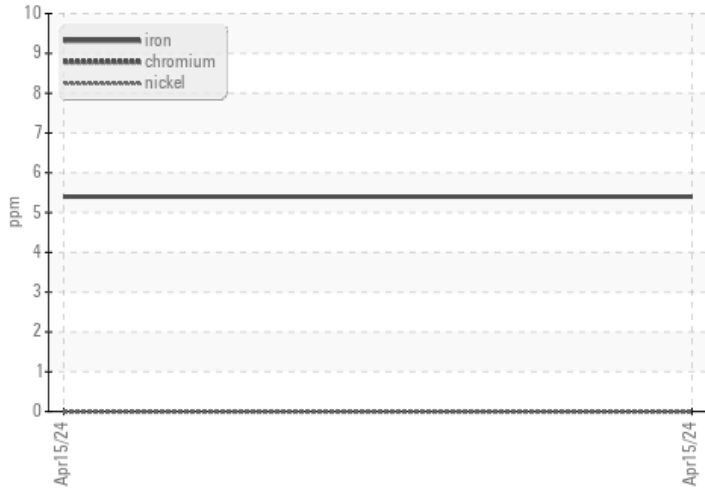
Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.

Depot: COL158AUR  
 Unique No: 5762788  
 Signed: Wes Davis  
 Report Date: 18 Apr 2024

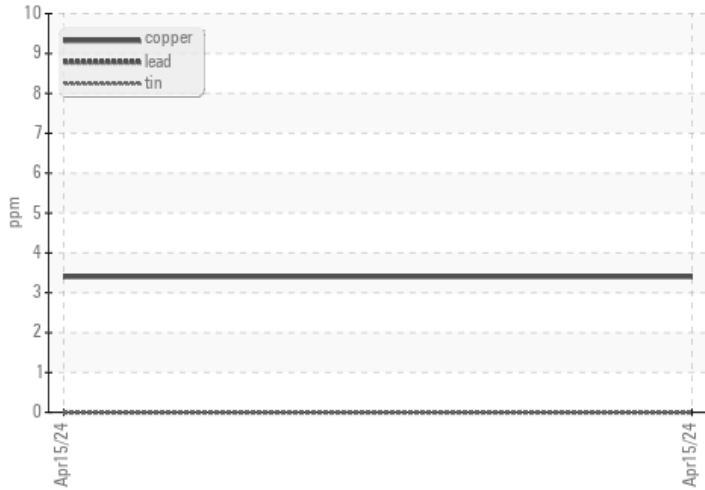


### Graphs

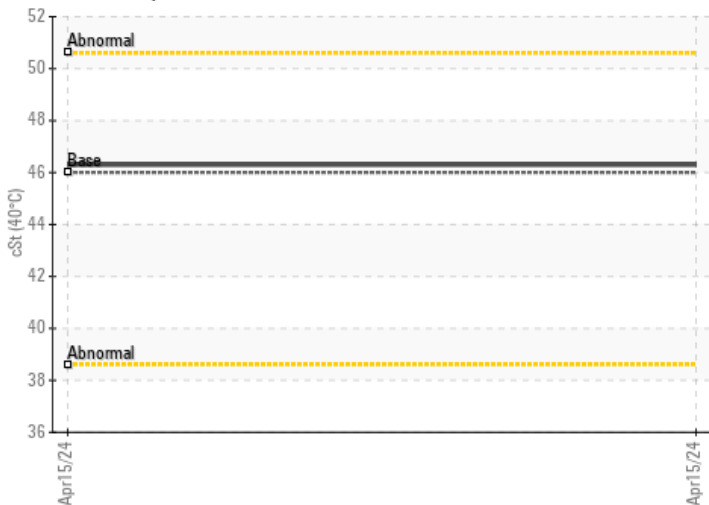
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

