

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R974 025012 - Hydraulic System

Sample No: LH0266109  
 Oil Type: NOT GIVEN



**NELSON AGGREGATE**  
 3114 BURNSIDE LINE  
 SEVERN, ON  
 CA L3V 0W1  
 Contact: Service Manager  
 sales@nelsonaggregate.com  
 T: (705)325-2264  
 F: (705)325-2265



#### SAMPLE INFORMATION

Sample Number	LH0266109	---	---	---
Sample Date	13 Jul 2023	---	---	---
Machine Hours	16967	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	● 40.2	---	---	---
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#### CONTAMINATION

Particles >4µm		● 13669	---	---	---
Particles >6µm		● 2027	---	---	---
Particles >14µm		● 130	---	---	---
ISO 4406:1999 (c)		21/18/14	---	---	---
Silicon	ppm	● <1	---	---	---
Sodium	ppm	● <1	---	---	---
Potassium	ppm	● 0	---	---	---



#### WEAR METALS

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



#### ADDITIVES

Calcium	ppm	88	---	---	---
Magnesium	ppm	8	---	---	---
Zinc	ppm	689	---	---	---
Phosphorus	ppm	561	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	4	---	---	---

#### Diagnosis

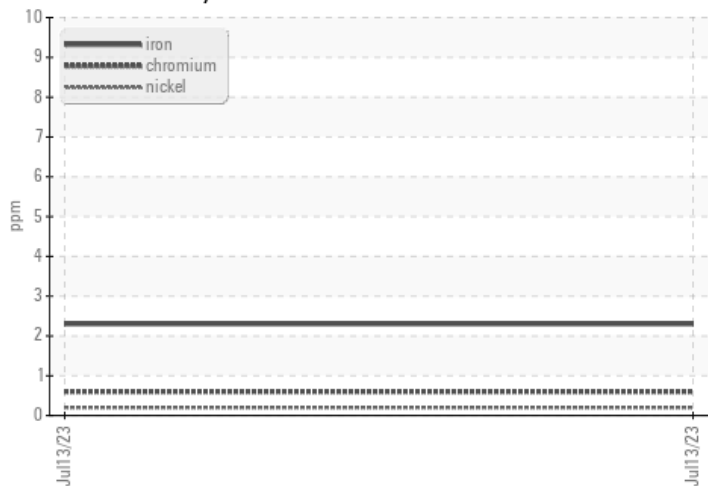
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition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

Depot: NELSEV  
 Unique No: 5607742  
 Signed: Wes Davis  
 Report Date: 19 Jul 2023

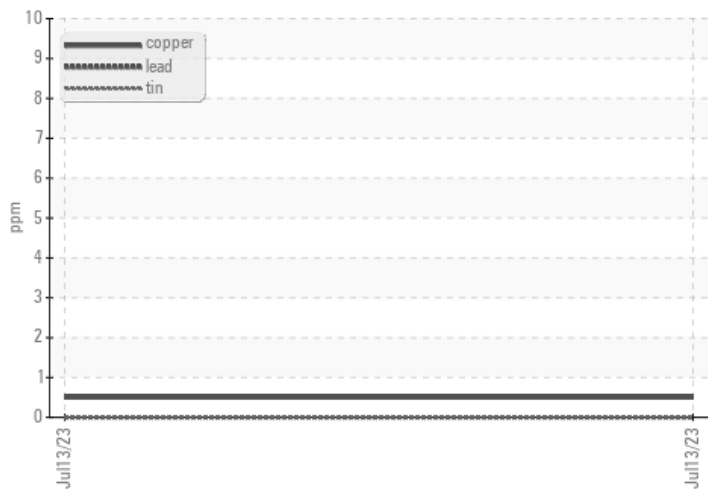


### GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

