

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### HITACHI ZX210LC-6 16274 (S/N 513755) - Left Final Drive

Sample No: LH0272918  
 Oil Type: GEAR OIL SAE 90



#### SAMPLE INFORMATION

Sample Number	LH0272918	---	---	---
Sample Date	18 Dec 2023	---	---	---
Machine Hours	442	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

**RECO EQUIPMENT INC**  
 8075 PRODUCTION DRIVE  
 FLORENCE, KY  
 US 41042  
 Contact: TRACEY EDGERTON  
 tedgerton@recoequip.com  
 T:  
 F: (859)727-7974



#### OIL CONDITION

Visc @ 40°C	cSt	● 188	---	---	---
-------------	-----	-------	-----	-----	-----



#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 16	---	---	---
Sodium	ppm	● 0	---	---	---
Potassium	ppm	● 3	---	---	---

#### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



#### WEAR METALS

Iron	ppm	● 195	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 4	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 4	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

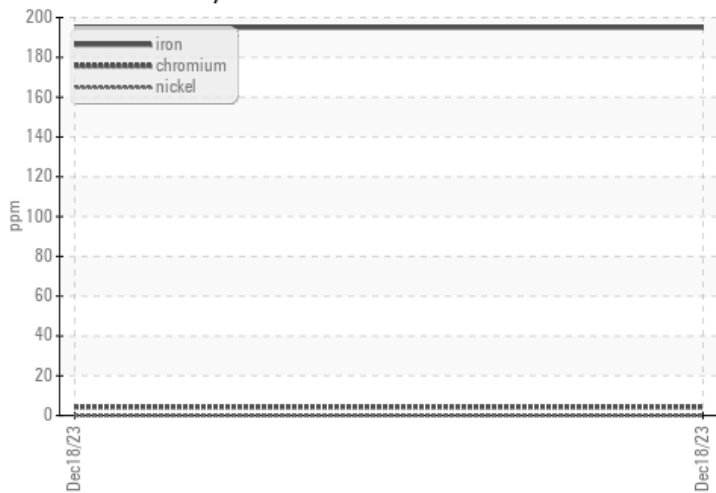
Calcium	ppm	● 14	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 7	---	---	---
Phosphorus	ppm	520	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● 62	---	---	---

Depot: LEC0082  
 Unique No: 10808066  
 Signed: Sean Felton  
 Report Date: 02 Jan 2024

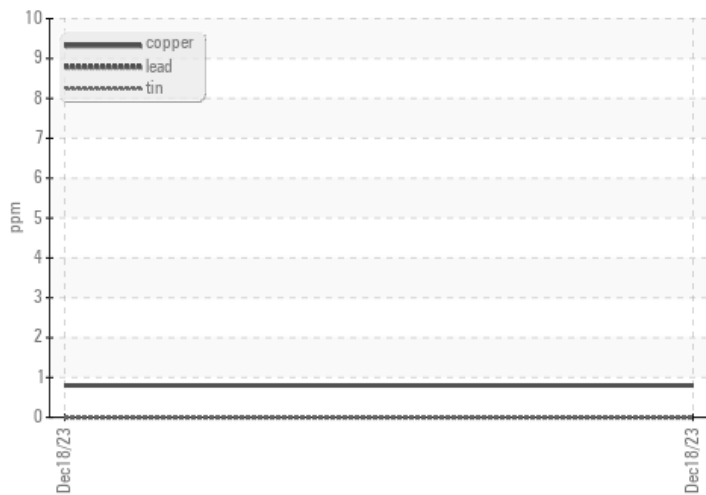


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

