

LIEBHERR

CONSTRUCTION EQUIPMENT



HITACHI ZX210LC-6 16274 (S/N 513755) - Swing Drive

Sample No: LH0272916

Oil Type: GEAR OIL SAE 90



SAMPLE INFORMATION

Sample Number	LH0272916	---	---	---
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	● 187	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 18	---	---	---
Sodium	ppm	● <1	---	---	---
Potassium	ppm	● 2	---	---	---

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	● 77	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

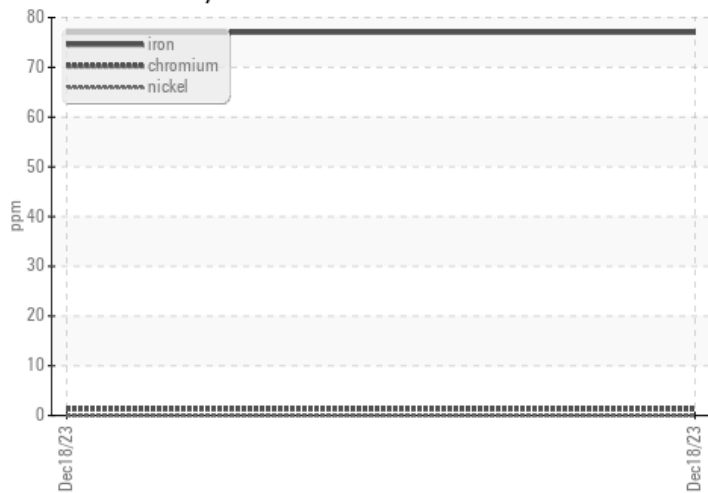
Calcium	ppm	● 24	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 0	---	---	---
Phosphorus	ppm	521	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 77	---	---	---

Depot: LEC0082
Unique No: 10808063
Signed: Sean Felton
Report Date: 02 Jan 2024

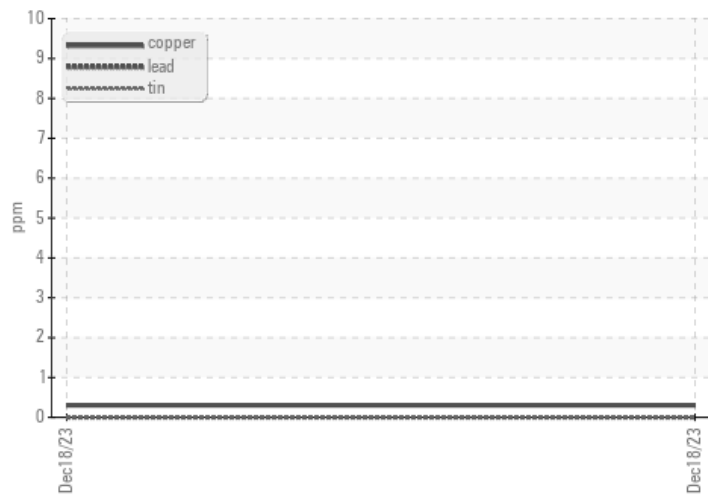


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

