

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH110C 115021-1228 - Splitter Box

Sample No: LH0273244

Oil Type: LIEBHERR GEAR BASIC 90 LS



RECO EQUIPMENT INC.
 41245 RECO RD
 BELMONT, OH
 US 43718
 Contact: GABE PERLMAN
 gperlman@recoequip.com
 T:
 F: (740)782-1020



Sample Information

Sample Number	LH0273244	---	---	---
Sample Date	24 May 2024	---	---	---
Machine Hours	8630	---	---	---
Oil Hours	50	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



Oil Condition

Visc @ 40°C	cSt	● 131	---	---	---
-------------	-----	-------	-----	-----	-----



Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 12	---	---	---
Sodium	ppm	● 1	---	---	---
Potassium	ppm	● 0	---	---	---



Wear Metals

Iron	ppm	● 73	---	---	---
Copper	ppm	● 1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● <1	---	---	---
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	● 199	---	---	---
Magnesium	ppm	● 3	---	---	---
Zinc	ppm	● 100	---	---	---
Phosphorus	ppm	1127	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● 14	---	---	---

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.

Depot: LEC0071
Unique No: 11070622
Signed: Sean Felton
Report Date: 11 Jun 2024

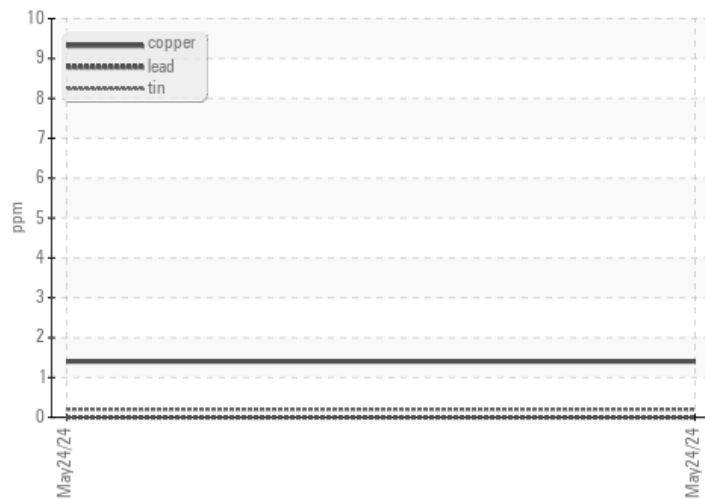


Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

