

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R930 049615-1716 - Splitter Box

Sample No: LH0243964

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0243964	LH0183113	---	---
Sample Date	12 Jun 2023	02 Oct 2020	---	---
Machine Hours	1685	522	---	---
Oil Hours	1685	522	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

**ACECO**  
10119 RESIDENCY ROAD  
MANASSAS, VA  
US 20110  
Contact: RON BROCK



#### OIL CONDITION

Visc @ 40°C	cSt	● 190	● 196	---	---
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T: (703)392-0111  
F: (703)331-5604



#### CONTAMINATION

Silicon	ppm	● <1	● <1	---	---
Sodium	ppm	● 4	● 6	---	---
Potassium	ppm	● <1	● 1	---	---

#### 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	● 45	● 39	---	---
Copper	ppm	● 2	● <1	---	---
Lead	ppm	● 0	● <1	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● 0	● 1	---	---
Chromium	ppm	● 0	● <1	---	---
Molybdenum	ppm	● 0	● 0	---	---
Nickel	ppm	● 0	● <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	● 3	● 3	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

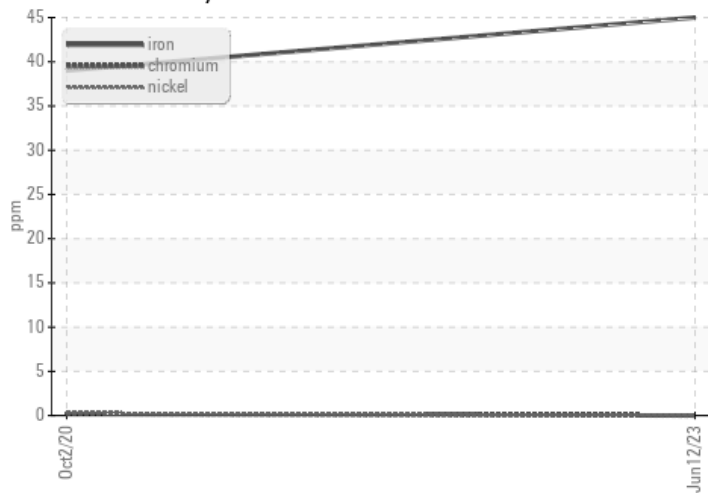
Calcium	ppm	● 39	21	---	---
Magnesium	ppm	● 8	● 5	---	---
Zinc	ppm	● 45	● 46	---	---
Phosphorus	ppm	● 1374	● 1431	---	---
Barium	ppm	● 10	● 0	---	---
Boron	ppm	● 0	24	---	---

**Depot:** ACEMAN  
**Unique No:** 10635931  
**Signed:** Don Baldrige  
**Report Date:** 10 Sep 2023

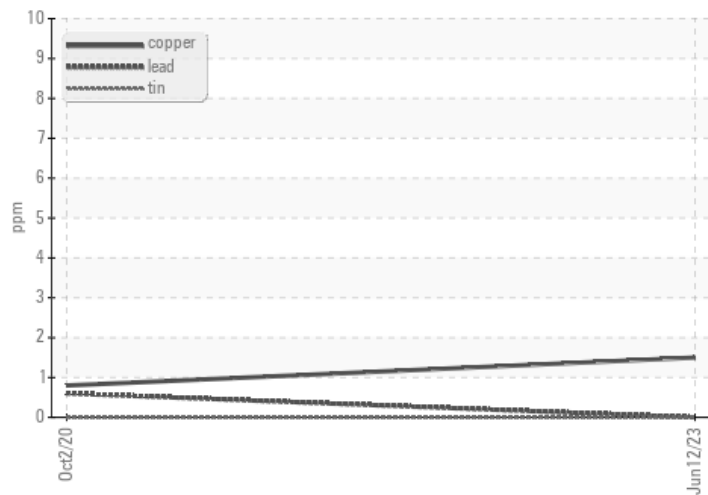


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

