

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L586 072147-1721 - Splitter Box

Sample No: LH0263821

Oil Type: GEAR OIL SAE 80W90



#### SAMPLE INFORMATION

Sample Number	LH0263821	---	---	---
Sample Date	14 Jul 2023	---	---	---
Machine Hours	500	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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 US 54401  
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#### OIL CONDITION

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

Silicon	ppm	● 2	---	---	---
Sodium	ppm	● 4	---	---	---
Potassium	ppm	● 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	● 181	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 4	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 2	---	---	---
Nickel	ppm	● 10	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 6	---	---	---
Vanadium	ppm	● 0	---	---	---



#### ADDITIVES

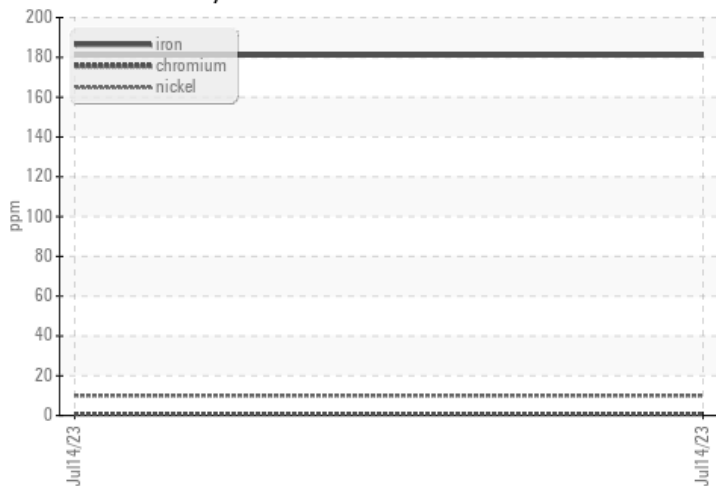
Calcium	ppm	● 24	---	---	---
Magnesium	ppm	● 12	---	---	---
Zinc	ppm	● 88	---	---	---
Phosphorus	ppm	● 2219	---	---	---
Barium	ppm	● 23	---	---	---
Boron	ppm	● 10	---	---	---

**Depot:** LEC0008  
**Unique No:** 10563337  
**Signed:** Don Baldrige  
**Report Date:** 20 Jul 2023

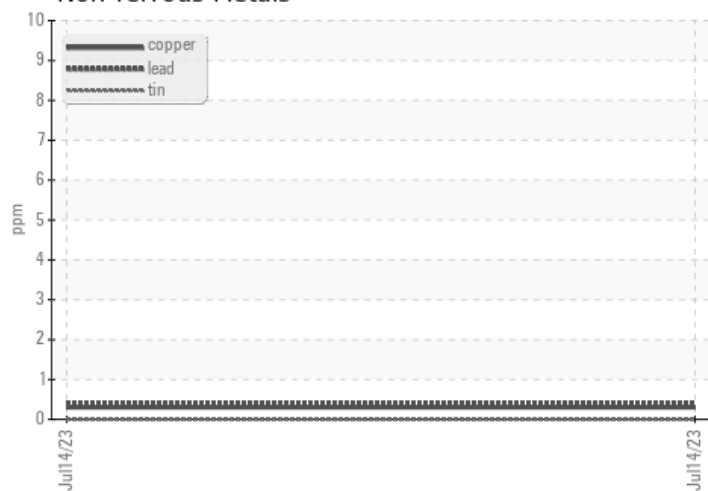


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

