

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60 115240-1529 - Splitter Box

Sample No: LH0254122

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0254122	LHMC115997	---	---
Sample Date	17 Jun 2023	29 Sep 2022	---	---
Machine Hours	4033	2906	---	---
Oil Hours	775	1816	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

**DAVIS INDUSTRIAL INC.**  
 9920 RICHMOND HIGHWAY  
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 T:  
 F:



#### OIL CONDITION

Visc @ 40°C	cSt	134	91.5	---	---
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#### CONTAMINATION

Silicon	ppm	2	2	---	---
Sodium	ppm	<1	<1	---	---
Potassium	ppm	2	0	---	---



#### WEAR METALS

Iron	ppm	13	9	---	---
Copper	ppm	1	<1	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	<1	3	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	83	99	---	---
Magnesium	ppm	3	3	---	---
Zinc	ppm	91	80	---	---
Phosphorus	ppm	1054	523	---	---
Barium	ppm	0	0	---	---
Boron	ppm	9	0	---	---

#### Diagnosis

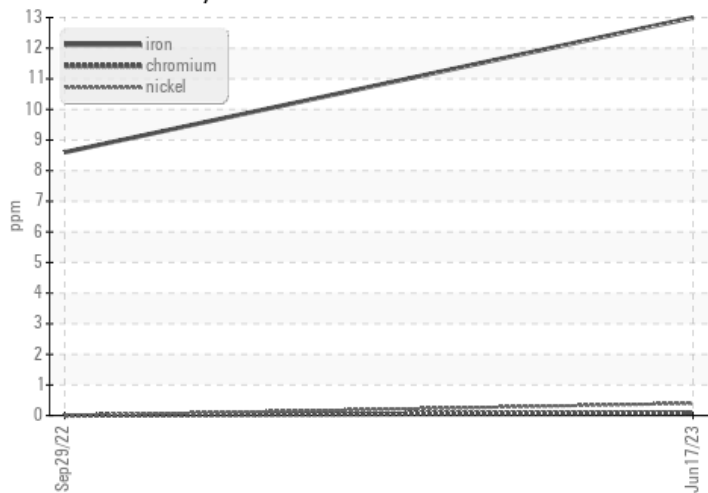
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

**Depot:** DAVLORVA  
**Unique No:** 10550486  
**Signed:** Sean Felton  
**Report Date:** 12 Jul 2023

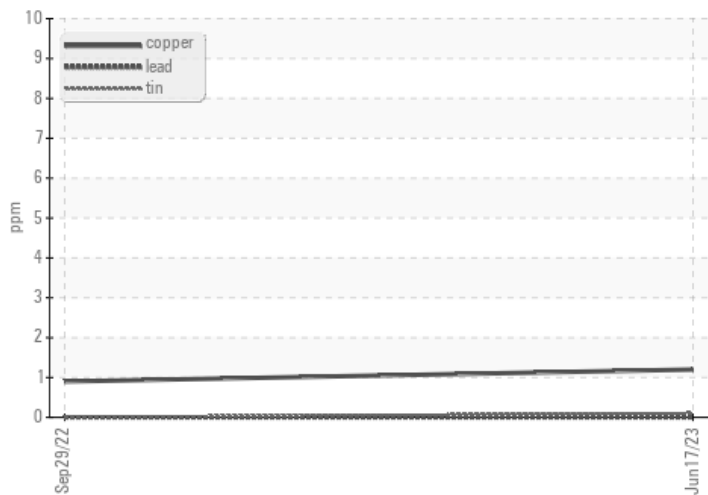


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

