

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50 109502-1216 - Splitter Box

Sample No: LH0258802

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0258802	LHMC149759	---	---
Sample Date	04 Mar 2024	26 Feb 2019	---	---
Machine Hours	22219	827	---	---
Oil Hours	0	800	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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#### OIL CONDITION

Visc @ 40°C	cSt	73.7	87.3	---	---
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#### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	3	1	---	---
Sodium	ppm	0	0	---	---
Potassium	ppm	3	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 component. The condition of the oil is acceptable for the time in service.



#### WEAR METALS

Iron	ppm	66	29	---	---
Copper	ppm	20	<1	---	---
Lead	ppm	1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	3	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	1	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	<1	---	---
Vanadium	ppm	<1	0	---	---



#### ADDITIVES

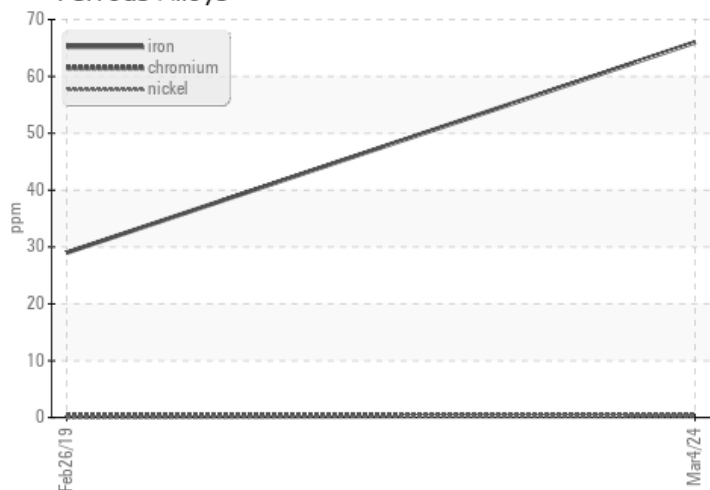
Calcium	ppm	1314	733	---	---
Magnesium	ppm	8	0	---	---
Zinc	ppm	695	391	---	---
Phosphorus	ppm	1252	952	---	---
Barium	ppm	2	<1	---	---
Boron	ppm	20	1	---	---

Depot: LEC0008  
 Unique No: 10943041  
 Signed: Jonathan Hester  
 Report Date: 28 Mar 2024

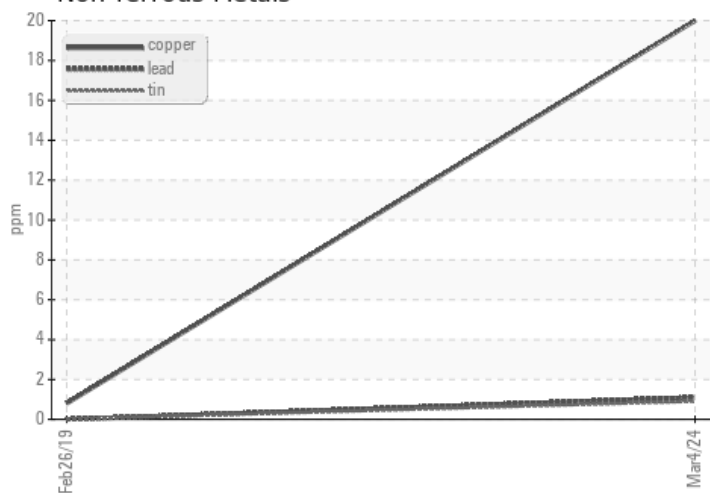


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

