

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH80M 114645-1218 - Swing Drive

Sample No: LH0267418

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0267418	LH0254324	---	---
Sample Date	14 Sep 2023	20 Mar 2023	---	---
Machine Hours	9586	8400	---	---
Oil Hours	0	1000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

**SIMS METAL MANAGEMENT**  
 3220 DEEPWATER TERMINAL RD  
 RICHMOND, VA  
 US 23234  
 Contact: Service Manager



#### OIL CONDITION

Visc @ 40°C	cSt	160	135	---	---
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T: (703)392-0111  
 F:



#### CONTAMINATION

Silicon	ppm	2	4	---	---
Sodium	ppm	<1	<1	---	---
Potassium	ppm	0	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 condition of the oil is acceptable for the time in service.



#### WEAR METALS

Iron	ppm	248	811	---	---
Copper	ppm	60	164	---	---
Lead	ppm	0	0	---	---
Tin	ppm	4	5	---	---
Aluminum	ppm	0	2	---	---
Chromium	ppm	4	9	---	---
Molybdenum	ppm	<1	2	---	---
Nickel	ppm	1	2	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	6	---	---
Vanadium	ppm	<1	0	---	---



#### ADDITIVES

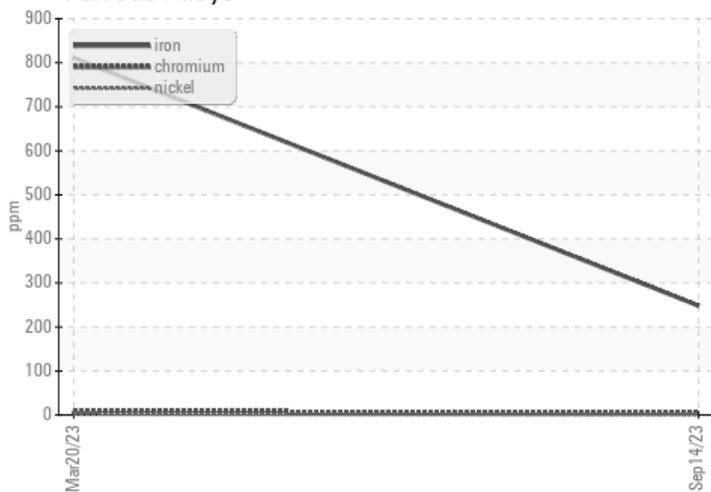
Calcium	ppm	20	40	---	---
Magnesium	ppm	0	6	---	---
Zinc	ppm	61	129	---	---
Phosphorus	ppm	1760	1205	---	---
Barium	ppm	0	0	---	---
Boron	ppm	<1	<1	---	---

Depot: SIMRCLH  
 Unique No: 10673815  
 Signed: Angela Borella  
 Report Date: 04 Oct 2023

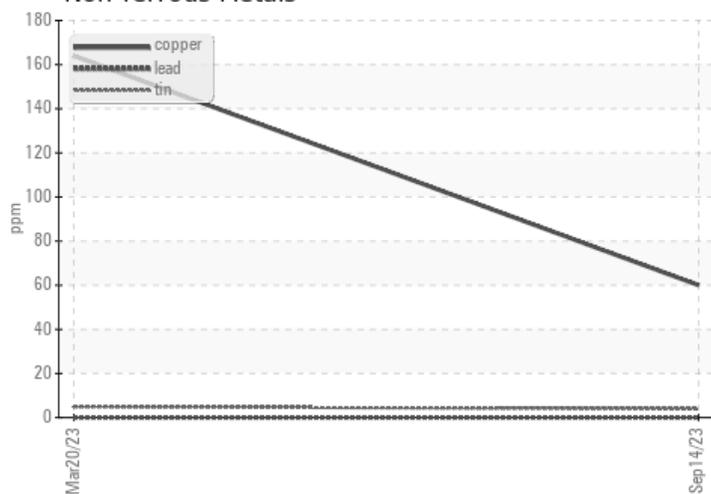


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

