

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR A934C 045480-1007 - Transmission

Sample No: LH0263940

Oil Type: DIESEL ENGINE OIL SAE 5W40



**NORTHERN METAL RECYCLING**  
 2800 PACIFIC ST N  
 MINNEAPOLIS, MN  
 US 55411  
 Contact: CHRIS GILMER  
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 T: (612)305-7338  
 F:



#### SAMPLE INFORMATION

Sample Number	LH0263940	---	---	---
Sample Date	19 Dec 2023	---	---	---
Machine Hours	31068	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	53.5	---	---	---
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#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	7	---	---	---
Sodium	ppm	4	---	---	---
Potassium	ppm	<1	---	---	---



#### WEAR METALS

Iron	ppm	28	---	---	---
Copper	ppm	7	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	17	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	39	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	<1	---	---	---



#### ADDITIVES

Calcium	ppm	1595	---	---	---
Magnesium	ppm	509	---	---	---
Zinc	ppm	1152	---	---	---
Phosphorus	ppm	1032	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	88	---	---	---

#### Diagnosis

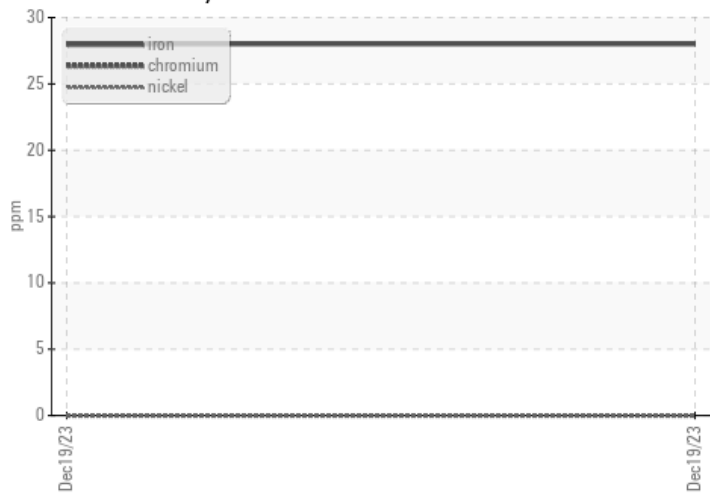
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: NORMINLH  
 Unique No: 10844718  
 Signed: Don Baldrige  
 Report Date: 24 Jan 2024

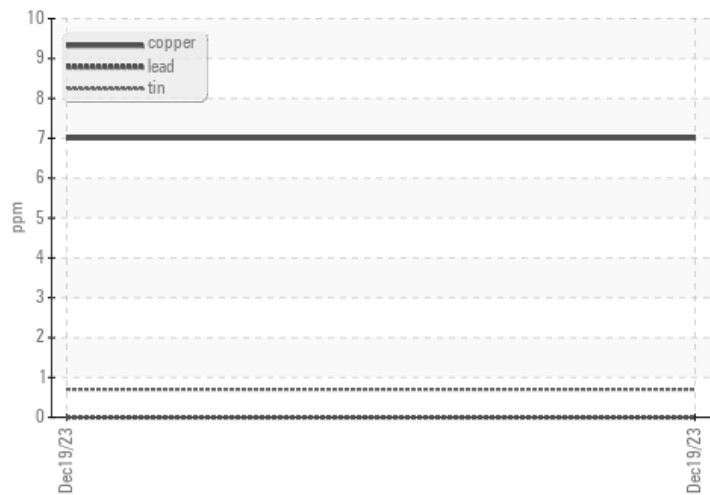


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

