

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R920K L11 - Right Final Drive

Sample No: LH0268310

Oil Type: LIEBHERR HYPOID 85W-140 EP



#### SAMPLE INFORMATION

Sample Number	LH0268310	---	---	---
Sample Date	26 Feb 2024	---	---	---
Machine Hours	11144	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

#### POTOMAC METALS

42702 DULLES TRADE CT  
STERLING, VA  
US 20166  
Contact: JEREMY WONG  
JEREMY.WONG@POTOMACMETALS.COM  
T: (703)430-3667  
F:



#### OIL CONDITION

Visc @ 40°C	cSt	● 178	---	---	---
-------------	-----	-------	-----	-----	-----



#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 2	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 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	● 9	---	---	---
Copper	ppm	● 0	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 0	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 0	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

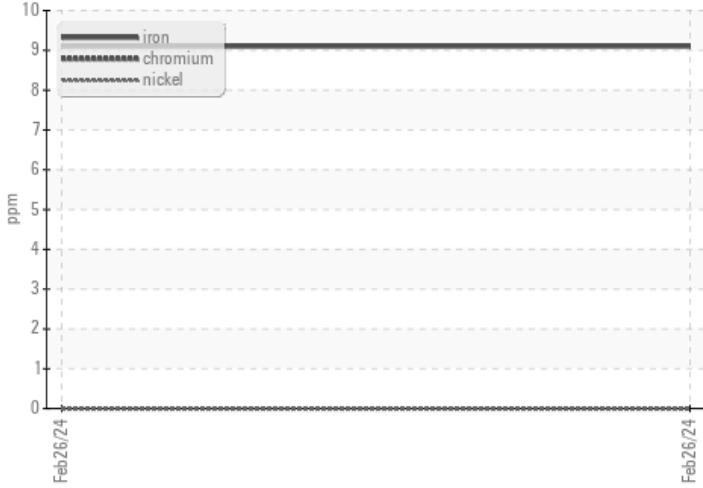
Calcium	ppm	● 6	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 0	---	---	---
Phosphorus	ppm	2264	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 0	---	---	---

Depot: POTSTE  
Unique No: 10949553  
Signed: Don Baldrige  
Report Date: 29 Mar 2024

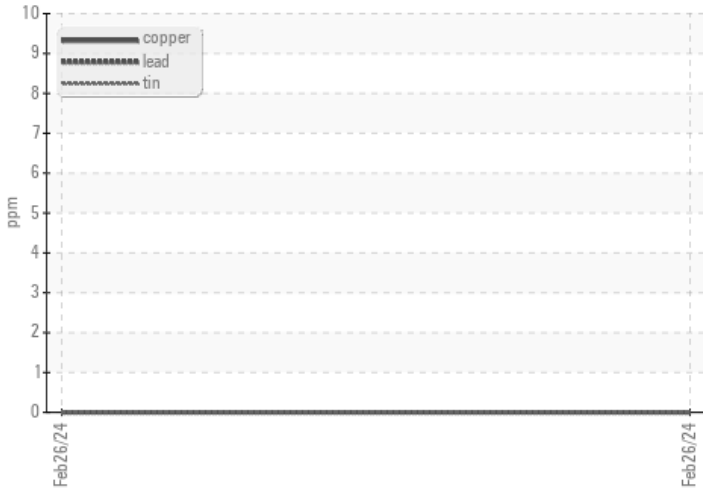


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

