

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L526 068228-1753 - Rear Left Wheel Hub

Sample No: LH0268758

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0268758	---	---	---
Sample Date	14 Mar 2024	---	---	---
Machine Hours	705	---	---	---
Oil Hours	705	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

#### LIEBHERR EQUIPMENT SOURCE

8200 FAYETTEVILLE ROAD  
 RALEIGH, NC  
 US 27603  
 Contact: Timothy Bailey  
 timothy.bailey@liebherr.com  
 T:  
 F: (919)329-0084



#### OIL CONDITION

Visc @ 40°C	cSt	● 186	---	---	---
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#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 11	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 2	---	---	---

#### 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	● 166	---	---	---
Copper	ppm	● 0	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 2	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 3	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

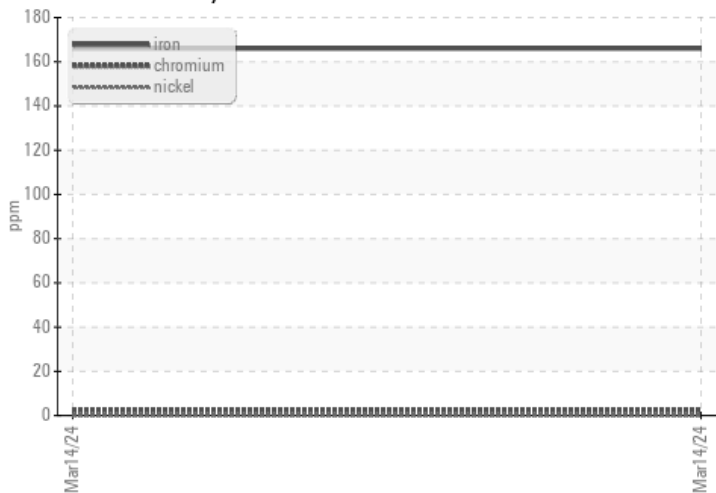
Calcium	ppm	31	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 53	---	---	---
Phosphorus	ppm	● 2001	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● <1	---	---	---

Depot: LIEBHERRNC  
 Unique No: 10928642  
 Signed: Wes Davis  
 Report Date: 18 Mar 2024



### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

