

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L550 1756-58832 - Front Differential

Sample No: LH0263028

Oil Type: GEAR OIL SAE 80W90



#### SAMPLE INFORMATION

Sample Number	LH0263028	---	---	---
Sample Date	19 Sep 2023	---	---	---
Machine Hours	3959	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

#### DREW TRANSPORT

2648 WEST 50TH STREET  
CHICAGO, IL  
US 60632  
Contact: SERVICE MANAGER



#### OIL CONDITION

Visc @ 40°C	cSt	● 93.0	---	---	---
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T: (773)476-9472  
F:



#### CONTAMINATION

Silicon	ppm	● 15	---	---	---
Sodium	ppm	● 6	---	---	---
Potassium	ppm	● <1	---	---	---

#### Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Bearing and/or bushing wear is indicated. 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	● 414	---	---	---
Copper	ppm	● 332	---	---	---
Lead	ppm	● 3	---	---	---
Tin	ppm	● 19	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 3	---	---	---
Molybdenum	ppm	● 21	---	---	---
Nickel	ppm	● 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 28	---	---	---
Vanadium	ppm	<1	---	---	---



#### ADDITIVES

Calcium	ppm	● 783	---	---	---
Magnesium	ppm	● 24	---	---	---
Zinc	ppm	● 365	---	---	---
Phosphorus	ppm	● 481	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 22	---	---	---

Depot: DRECHI  
Unique No: 10674652  
Signed: Don Baldrige  
Report Date: 05 Oct 2023



### GRAPHS

