

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L586 65883 - Front Axle

Sample No: LH0281165

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0281165	---	---	---
Sample Date	06 Dec 2023	---	---	---
Machine Hours	2967	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

#### Liebherr Canada

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 Richmond, BC  
 CA V6W 1J8  
 Contact: Kevin Steer  
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 T:  
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#### OIL CONDITION

Visc @ 40°C	cSt	● 179	---	---	---
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#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 7	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● <1	---	---	---

#### 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	● 220	---	---	---
Copper	ppm	● 132	---	---	---
Lead	ppm	● 3	---	---	---
Tin	ppm	● 8	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● 1	---	---	---
Molybdenum	ppm	● 1	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 8	---	---	---
Vanadium	ppm	● 0	---	---	---



#### ADDITIVES

Calcium	ppm	● 18	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 121	---	---	---
Phosphorus	ppm	● 2362	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● <1	---	---	---

Depot: LIERIC  
 Unique No: 5697814  
 Signed: Wes Davis  
 Report Date: 21 Dec 2023



### GRAPHS

