

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [MODERN] LIEBHERR L586 74609 - Rear Left Wheel Hub

Sample No: LH0284813

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0284813	LH0277036	---	---
Sample Date	02 Mar 2024	21 Oct 2023	---	---
Machine Hours	11699	1117	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

#### LIEBHERR CANADA

10 LYNDS AVENUE  
 MONCTON, NB  
 CA E1H 3K2  
 Contact: Bryan Wood  
 bryan.wood@liebherr.com  
 T:  
 F: (506)854-2940



#### OIL CONDITION

Visc @ 40°C	cSt	184	189	---	---
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#### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	11	32	---	---
Sodium	ppm	3	10	---	---
Potassium	ppm	1	<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	183	515	---	---
Copper	ppm	125	140	---	---
Lead	ppm	3	4	---	---
Tin	ppm	6	11	---	---
Aluminum	ppm	1	2	---	---
Chromium	ppm	1	3	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	10	34	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	8	13	---	---
Magnesium	ppm	2	6	---	---
Zinc	ppm	46	121	---	---
Phosphorus	ppm	2354	2269	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	1	4	---	---

Depot: LIEMON  
 Unique No: 5747931  
 Signed: Wes Davis  
 Report Date: 19 Mar 2024



### GRAPHS

