

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L586 21066 - Front Right Wheel Hub

Sample No: LH0186871

Oil Type: GEAR OIL SAE 80



#### SAMPLE INFORMATION

Sample Number	LH0186871	LH0186875	LH0162860	---
Sample Date	06 Jul 2023	06 Jul 2023	09 May 2022	---
Machine Hours	18165	18165	0	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---

**CLOUTHIER VENTURES LTD.**  
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 PEMBROKE, ON  
 CA K8A 0A6  
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#### OIL CONDITION

Visc @ 40°C	cSt	86.3	90.9	87.1	---
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#### CONTAMINATION

Silicon	ppm	5	4	5	---
Sodium	ppm	2	1	1	---
Potassium	ppm	2	1	10	---



#### WEAR METALS

PQ		---	---	54	---
Iron	ppm	903	701	914	---
Copper	ppm	9	7	8	---
Lead	ppm	1	1	1	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	2	1	2	---
Chromium	ppm	2	1	2	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	<1	<1	1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	8	7	9	---
Vanadium	ppm	0	0	0	---



#### ADDITIVES

Calcium	ppm	9	19	8	---
Magnesium	ppm	<1	1	0	---
Zinc	ppm	10	13	8	---
Phosphorus	ppm	1447	1270	1485	---
Barium	ppm	0	0	0	---
Boron	ppm	180	139	197	---

#### 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.

Depot: CLOPEM  
 Unique No: 5607270  
 Signed: Wes Davis  
 Report Date: 14 Jul 2023



### GRAPHS

