

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L580 071613-1760 - Rear Right Wheel Hub

Sample No: LH0292400

Oil Type: LIEBHERR GEAR BASIC 90 LS



**BIRCH HILL CONSTRUCTION**  
 11 MCELROY ST.  
 MONCTON, NB  
 CA E1C 9T2  
 Contact: Service Manager



#### Sample Information

Sample Number	LH0292400	LH0277089	---	---
Sample Date	22 Jun 2024	14 Oct 2023	---	---
Machine Hours	2202	1054	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



#### Oil Condition

Visc @ 40°C	cSt	186	195	---	---
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T:  
F:



#### Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	10	20	---	---
Sodium	ppm	3	6	---	---
Potassium	ppm	<1	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	101	177	---	---
Copper	ppm	46	140	---	---
Lead	ppm	<1	4	---	---
Tin	ppm	4	7	---	---
Aluminum	ppm	<1	1	---	---
Chromium	ppm	1	2	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	19	43	---	---
Vanadium	ppm	0	0	---	---



#### Additives

Calcium	ppm	6	10	---	---
Magnesium	ppm	<1	1	---	---
Zinc	ppm	40	66	---	---
Phosphorus	ppm	2195	2254	---	---
Barium	ppm	<1	<1	---	---
Boron	ppm	<1	2	---	---

Depot: BIRMION  
 Unique No: 5802202  
 Signed: Kevin Marson  
 Report Date: 02 Jul 2024



### Graphs

