

# LIEBHERR

## CONSTRUCTION EQUIPMENT



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

Sample No: LH0292399

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### Sample Information

Sample Number	LH0292399	LH0277090	---	---
Sample Date	22 Jun 2024	14 Oct 2023	---	---
Machine Hours	0	1054	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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



#### Oil Condition

Visc @ 40°C	cSt	● 186	194	---	---
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T:  
F:



#### Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	● 10	● 21	---	---
Sodium	ppm	● 4	● 6	---	---
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	● 102	● 180	---	---
Copper	ppm	● 48	● 142	---	---
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	<1	<1	---	---
Manganese	ppm	19	44	---	---
Vanadium	ppm	0	0	---	---



#### Additives

Calcium	ppm	● 7	● 10	---	---
Magnesium	ppm	● <1	● <1	---	---
Zinc	ppm	● 44	● 67	---	---
Phosphorus	ppm	● 2256	● 2275	---	---
Barium	ppm	● <1	● <1	---	---
Boron	ppm	● 3	● 2	---	---

Depot: BIRMION  
 Unique No: 5802199  
 Signed: Kevin Marson  
 Report Date: 02 Jul 2024



### Graphs

