

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 119193-1253 - Rear Left Wheel Hub

Sample No: LH0270554

Oil Type: GEAR OIL SAE 75W90



**BRIGHTON RECYCLING**  
 686 COUNTY RD 64  
 BRIGHTON, ON  
 CA K0K 1H0  
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#### SAMPLE INFORMATION

Sample Number	LH0270554	LH0234943	LH0230624	LH
Sample Date	04 Oct 2023	14 Nov 2022	06 Jun 2022	13 Jan 2022
Machine Hours	5149	3951	3290	2783
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



#### OIL CONDITION

Visc @ 40°C	cSt	99.1	100	101	97.8
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#### CONTAMINATION

Silicon	ppm	<1	1	1	1
Sodium	ppm	1	1	3	1
Potassium	ppm	0	<1	1	1



#### WEAR METALS

Iron	ppm	7	6	6	9
Copper	ppm	<1	<1	<1	2
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	0	0	0
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	0	<1
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	21	28	35	123
Magnesium	ppm	2	1	2	2
Zinc	ppm	10	8	18	59
Phosphorus	ppm	1247	1394	1285	1279
Barium	ppm	<1	0	0	0
Boron	ppm	306	282	310	299

#### 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: BRI686BRI  
 Unique No: 5657396  
 Signed: Wes Davis  
 Report Date: 11 Oct 2023



### GRAPHS

