

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 112545-1253 - Front Left Wheel Hub

Sample No: LH0291258

Oil Type: GEAR OIL SAE 75W90



#### Sample Information

Sample Number	LH0291258	LH0247420	LH0239581	LH
Sample Date	06 May 2024	13 Dec 2022	14 Aug 2022	20 Oct 2021
Machine Hours	15168	10473	9604	7113
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

#### GREEN METALS CANADA

224 BEARDS LANE  
WOODSTOCK, ON  
CA N4S 7W3

Contact: Jamie Depotie  
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#### Oil Condition

Visc @ 40°C	cSt	104	100	104	103
		●	●	●	●



#### Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	● 0	● 1	● 1	● 1
Sodium	ppm	● 1	● 1	● 2	● 2
Potassium	ppm	● <1	● <1	● <1	● <1



#### Wear Metals

Iron	ppm	● 6	● 2	● 7	● 8
Copper	ppm	● <1	● <1	● 2	● 2
Lead	ppm	● 0	● 0	● 0	● <1
Tin	ppm	0	0	0	<1
Aluminum	ppm	● 0	● 0	● 0	● <1
Chromium	ppm	● 0	● 0	● 0	● 0
Molybdenum	ppm	● 0	● 0	● 0	● 0
Nickel	ppm	● <1	● <1	● <1	● <1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	● 0	● 0	● <1	● <1
Vanadium	ppm	0	0	0	0



#### Additives

Calcium	ppm	● 15	● 20	● 19	● 30
Magnesium	ppm	● 1	● 2	● 1	● 2
Zinc	ppm	● 9	● 7	● 10	● 7
Phosphorus	ppm	● 1184	● 1295	● 1215	● 1268
Barium	ppm	● 0	● 0	● 0	● 0
Boron	ppm	● 308	● 316	● 307	● 319

#### 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: GRE224WOO  
Unique No: 5775108  
Signed: Wes Davis  
Report Date: 07 May 2024



### Graphs

