

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 112349-1253 - Rear Right Wheel Hub

Sample No: LH0274606

Oil Type: GEAR OIL SAE 75W90



**MONAGHAN MUSHROOMS LTD**  
 7345 GUELPH LINE  
 CAMPBELLVILLE, ON  
 CA L0P 1B0  
 Contact: Steven Cargill  
 s.cargill@monaghan-mushrooms.com  
 T:  
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#### SAMPLE INFORMATION

Sample Number	LH0274606	LH0247371	LH0239548	LH0227672
Sample Date	30 Aug 2023	16 Jan 2023	25 Jul 2022	18 Mar 2022
Machine Hours	10003	8336	7203	6226
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



#### OIL CONDITION

Visc @ 40°C	cSt	102	99.6	98.3	102
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#### CONTAMINATION

Element	ppm	1	1	2	1
Silicon	ppm	1	1	2	1
Sodium	ppm	<1	<1	1	4
Potassium	ppm	0	<1	0	2



#### WEAR METALS

Element	ppm	3	3	3	3
Iron	ppm	3	3	3	3
Copper	ppm	<1	<1	1	1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	0
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Element	ppm	13	17	32	11
Calcium	ppm	13	17	32	11
Magnesium	ppm	2	1	11	2
Zinc	ppm	11	7	21	8
Phosphorus	ppm	1318	1284	1203	1312
Barium	ppm	0	0	0	<1
Boron	ppm	315	305	306	318

#### 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: MONCAM  
 Unique No: 5632827  
 Signed: Wes Davis  
 Report Date: 31 Aug 2023



### GRAPHS

