

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 139284-1253 - Rear Left Wheel Hub

Sample No: LH0241878

Oil Type: LIEBHERR GEAR BASIC 90 LS



**HUBERT & FILS**

474 ROUTE 105  
BOIS-FRANC, QC  
CA J9E 3A9

Contact: Eric Brisebois  
ericbrisebois99@gmail.com

T:  
F:



#### SAMPLE INFORMATION

Sample Number	LH0241878	LH0239959	LH0208259	LH0241866
Sample Date	31 Oct 2023	04 Sep 2023	06 Jul 2023	18 Apr 2023
Machine Hours	2739	2265	1668	1142
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



#### OIL CONDITION

Visc @ 40°C	cSt	180	179	175	99.9
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#### CONTAMINATION

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



#### WEAR METALS

Iron	ppm	6	6	7	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	0	0
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	22	29	97	154
Magnesium	ppm	<1	<1	1	<1
Zinc	ppm	5	8	32	157
Phosphorus	ppm	2317	2247	2282	1302
Barium	ppm	0	<1	<1	0
Boron	ppm	2	5	17	101

#### 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: HUBBOI  
Unique No: 5710199  
Signed: Kevin Marson  
Report Date: 16 Jan 2024



### GRAPHS

