

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(347076)] LIEBHERR L586 062518-1761 - Rear Left Wheel Hu

Sample No: LH0269531

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0269531	LH0234512	LH0238547	LH0224197
Sample Date	09 Sep 2023	17 Jan 2023	20 Aug 2022	30 Mar 2022
Machine Hours	7038	5327	4090	2924
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

**MODERN CONSTRUCTION (1983) LTD.**  
 364 BRIGGS CROSS ROAD  
 STILESVILLE, NB  
 CA E1G 3G3  
 Contact: Blaine Cail  
 blaine.cail@moderngroup.ca  
 T:  
 F:



#### OIL CONDITION

Visc @ 40°C	cSt	173	175	174	191
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#### CONTAMINATION

Silicon	ppm	8	9	4	11
Sodium	ppm	2	2	2	4
Potassium	ppm	<1	0	0	<1



#### WEAR METALS

Iron	ppm	284	131	107	243
Copper	ppm	166	108	57	246
Lead	ppm	4	2	2	7
Tin	ppm	10	6	3	10
Aluminum	ppm	1	<1	<1	1
Chromium	ppm	2	<1	<1	2
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	5	4	7	17
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	6	12	12	3
Magnesium	ppm	<1	<1	<1	0
Zinc	ppm	79	47	48	53
Phosphorus	ppm	2440	2436	2360	2444
Barium	ppm	0	0	0	0
Boron	ppm	1	1	<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.

Depot: MODSTI  
 Unique No: 5643293  
 Signed: Kevin Marson  
 Report Date: 14 Sep 2023



### GRAPHS

