

# LIEBHERR

## CONSTRUCTION EQUIPMENT



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

Sample No: LH0269589

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0269589	LH0269531	LH0234512	LH0238547
Sample Date	19 Jan 2024	09 Sep 2023	17 Jan 2023	20 Aug 2022
Machine Hours	8083	7038	5327	4090
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	N/A	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	188	173	175	174



#### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	8	8	9	4
Sodium	ppm	1	2	2	2
Potassium	ppm	1	<1	0	0

#### 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.



#### WEAR METALS

Iron	ppm	173	284	131	107
Copper	ppm	110	166	108	57
Lead	ppm	3	4	2	2
Tin	ppm	7	10	6	3
Aluminum	ppm	1	1	<1	<1
Chromium	ppm	<1	2	<1	<1
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	2	5	4	7
Vanadium	ppm	0	0	0	0



#### ADDITIVES

Calcium	ppm	7	6	12	12
Magnesium	ppm	<1	<1	<1	<1
Zinc	ppm	45	79	47	48
Phosphorus	ppm	2312	2440	2436	2360
Barium	ppm	0	0	0	0
Boron	ppm	<1	1	1	<1

Depot: MODSTI  
 Unique No: 5720311  
 Signed: Wes Davis  
 Report Date: 25 Jan 2024



### GRAPHS

