

LIEBHERR

CONSTRUCTION EQUIPMENT



[(347076)] LIEBHERR L586 062518-1761 - Rear Right Wheel

Sample No: LH0269530

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0269530	LH0234507	LH0238546	LH0224195
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	174	174	190
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CONTAMINATION

Silicon	ppm	9	8	3	11
Sodium	ppm	2	1	2	3
Potassium	ppm	<1	0	0	<1



WEAR METALS

Iron	ppm	288	132	108	244
Copper	ppm	170	109	57	251
Lead	ppm	4	3	2	7
Tin	ppm	10	6	4	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	11	12	3
Magnesium	ppm	<1	<1	<1	0
Zinc	ppm	80	46	47	53
Phosphorus	ppm	2491	2451	2344	2482
Barium	ppm	0	0	0	0
Boron	ppm	3	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: 5643291
 Signed: Kevin Marson
 Report Date: 14 Sep 2023



GRAPHS

