

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0269590

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0269590	LH0269530	LH0234507	LH0238546
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
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 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	189	173	174	174



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	7	9	8	3
Sodium	ppm	1	2	1	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	169	288	132	108
Copper	ppm	105	170	109	57
Lead	ppm	3	4	3	2
Tin	ppm	6	10	6	4
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	11	12
Magnesium	ppm	<1	<1	<1	<1
Zinc	ppm	44	80	46	47
Phosphorus	ppm	2294	2491	2451	2344
Barium	ppm	0	0	0	0
Boron	ppm	<1	3	1	1

Depot: MODSTI
 Unique No: 5720310
 Signed: Wes Davis
 Report Date: 25 Jan 2024



GRAPHS

