

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(347307)] LIEBHERR R934 052025-1550 - Front Right Final D

Sample No: LH0270382

Oil Type: GEAR OIL SAE 75W90



### SAMPLE INFORMATION

Sample Number	LH0270382	LH0239220	LH0227479	LH0214738
Sample Date	27 Jul 2023	15 Nov 2022	09 Mar 2022	10 Sep 2021
Machine Hours	2892	1904	979	397
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

**MOFFATT SCRAP IRON & METAL INC.**  
 9620 GUELPH LINE  
 CAMPBELLVILLE, ON  
 CA L0P 1B0  
 Contact: Paul Brochu  
 maintenance@moffatsscrapiron.ca  
 T: (905)854-2792  
 F: (905)854-1225



### OIL CONDITION

Visc @ 40°C	cSt	104	193	104	197
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### CONTAMINATION

Silicon	ppm	208	5	35	3
Sodium	ppm	26	47	4	6
Potassium	ppm	16	2	5	5



### WEAR METALS

Iron	ppm	1189	42	122	99
Copper	ppm	3	<1	<1	<1
Lead	ppm	3	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	57	1	9	<1
Chromium	ppm	13	<1	2	2
Molybdenum	ppm	<1	0	<1	0
Nickel	ppm	2	<1	<1	<1
Titanium	ppm	4	<1	<1	0
Silver	ppm	<1	0	0	0
Manganese	ppm	14	<1	2	2
Vanadium	ppm	<1	0	0	0



### ADDITIVES

Calcium	ppm	360	440	58	11
Magnesium	ppm	69	6	15	1
Zinc	ppm	62	126	16	20
Phosphorus	ppm	1542	2362	1320	1555
Barium	ppm	14	1	5	15
Boron	ppm	143	8	256	6

### 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: MOFMOF  
 Unique No: 5618307  
 Signed: Kevin Marson  
 Report Date: 31 Jul 2023



### GRAPHS

