

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(343446)] LIEBHERR LH60M 124381-1217 - Rear Left Wheel

Sample No: LH0296548

Oil Type: GEAR OIL SAE 75W90



#### Sample Information

Sample Number	LH0296548	LH0289694	LH0247151	LH0256693
Sample Date	07 Jul 2024	16 Apr 2024	26 Jun 2023	02 Apr 2023
Machine Hours	14056	13245	10141	9107
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

#### RAM IRON AND METAL

60 Ashwarren Road  
TORONTO, ON  
CA M3J 1Z5  
Contact: PETER RACCO  
PETER@RAMIRON.COM  
T: (416)630-4545  
F: (416)630-5258



#### Oil Condition

Visc @ 40°C	cSt	106	107	105	101
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#### Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	<1	2	2
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	0	0	<1	<1



#### Wear Metals

Iron	ppm	3	3	5	7
Copper	ppm	4	2	5	6
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	<1	0
Manganese	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



#### Additives

Calcium	ppm	12	12	5	8
Magnesium	ppm	1	1	1	2
Zinc	ppm	11	10	12	15
Phosphorus	ppm	1235	1223	1281	1330
Barium	ppm	0	0	0	0
Boron	ppm	307	318	305	320

#### 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: RAMTOR  
Unique No: 5812026  
Signed: Wes Davis  
Report Date: 09 Jul 2024



### Graphs

