

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0289693

Oil Type: GEAR OIL SAE 75W90



Sample Information

Sample Number	LH0289693	LH0247150	LH0256692	LH0251651
Sample Date	16 Apr 2024	26 Jun 2023	02 Apr 2023	06 Feb 2023
Machine Hours	13245	10141	9107	8526
Oil Hours	0	0	0	0
Oil Changed	N/A	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

RAM IRON AND METAL

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 TORONTO, ON
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 Contact: PETER RACCO
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Oil Condition

Visc @ 40°C	cSt	106	106	101	101



Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	2	2	2
Sodium	ppm	6	<1	<1	<1
Potassium	ppm	<1	0	<1	0



Wear Metals

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



Additives

Calcium	ppm	16	5	8	8
Magnesium	ppm	2	<1	2	2
Zinc	ppm	13	11	14	13
Phosphorus	ppm	1243	1278	1350	1336
Barium	ppm	0	0	0	0
Boron	ppm	308	305	319	316

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: 5762925
 Signed: Wes Davis
 Report Date: 17 Apr 2024



Graphs

