

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0296550

Oil Type: GEAR OIL SAE 75W90



Sample Information

Sample Number	LH0296550	LH0289695	LH0247149	LH0256691
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	Changed	Changed	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

RAM IRON AND METAL

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Contact: PETER RACCO
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Oil Condition

Visc @ 40°C	cSt	104	107	103	101
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Contamination

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<1	<1	2	3
Sodium	ppm	<1	2	<1	<1
Potassium	ppm	0	0	0	<1



Wear Metals

Iron	ppm	27	<1	36	47
Copper	ppm	7	2	5	7
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	0	0
Manganese	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



Additives

Calcium	ppm	11	13	5	8
Magnesium	ppm	2	<1	1	2
Zinc	ppm	13	11	12	13
Phosphorus	ppm	1225	1233	1299	1304
Barium	ppm	0	0	0	0
Boron	ppm	303	315	301	309

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: 5812024
Signed: Wes Davis
Report Date: 09 Jul 2024



Graphs

