

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 112545-1253 - Rear Left Wheel Hub

Sample No: LH0270121

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0270121	LH0247488	LH0239540	LH
Sample Date	27 Sep 2023	13 Dec 2022	14 Aug 2022	20 Oct 2021
Machine Hours	1297	10473	9604	7113
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

GREEN METALS CANADA

224 BEARDS LANE
WOODSTOCK, ON
CA N4S 7W3

Contact: Jamie Depotie
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OIL CONDITION

Visc @ 40°C	cSt	103	99.9	104	103
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CONTAMINATION

Element	Unit	103	99.9	104	103
Silicon	ppm	1	1	1	1
Sodium	ppm	1	<1	<1	<1
Potassium	ppm	0	0	0	<1



WEAR METALS

Element	Unit	103	99.9	104	103
Iron	ppm	2	3	2	3
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	0	<1	0	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	0	<1	0
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



ADDITIVES

Element	Unit	103	99.9	104	103
Calcium	ppm	14	20	22	13
Magnesium	ppm	1	2	1	2
Zinc	ppm	8	7	10	6
Phosphorus	ppm	1237	1304	1237	1288
Barium	ppm	<1	0	0	0
Boron	ppm	301	319	311	327

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: GRE224WOO
Unique No: 5654974
Signed: Wes Davis
Report Date: 28 Sep 2023



GRAPHS

