

LIEBHERR

CONSTRUCTION EQUIPMENT



[GREEN METALS] LIEBHERR A924C 073594 - Front Right Whe

Sample No: LH0270323

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0270323	LH	LH	LH0169972
Sample Date	12 Oct 2023	19 Jan 2022	12 Mar 2021	15 Jun 2020
Machine Hours	22130	19940	19006	17996
Oil Hours	0	0	0	0
Oil Changed	N/A	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	104	104	100
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CONTAMINATION

Silicon	ppm	<1	1	2	1
Sodium	ppm	2	2	4	2
Potassium	ppm	<1	1	2	2



WEAR METALS

Iron	ppm	17	23	62	15
Copper	ppm	1	1	1	1
Lead	ppm	<1	0	<1	0
Tin	ppm	0	<1	<1	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	<1	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	<1	<1	<1	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	10	11	14	14
Magnesium	ppm	1	2	2	2
Zinc	ppm	10	8	10	17
Phosphorus	ppm	1188	1289	1159	1119
Barium	ppm	<1	<1	<1	<1
Boron	ppm	307	298	264	229

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: 5658117

Signed: Wes Davis

Report Date: 13 Oct 2023



GRAPHS

