

LIEBHERR

CONSTRUCTION EQUIPMENT



[GREEN METALS] LIEBHERR A924C 073594 - Rear Left Wheel

Sample No: LH0270322

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0270322	LH	LH	LH0169974
Sample Date	12 Oct 2023	19 Jan 2022	12 Mar 2021	21 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
jdepotie@gmcan.ca
T: (519)539-1313
F: (519)539-5130



OIL CONDITION

Visc @ 40°C	cSt	103	104	104	103
-------------	-----	-----	-----	-----	-----



CONTAMINATION

Silicon	ppm	<1	<1	2	1
Sodium	ppm	<1	<1	1	0
Potassium	ppm	<1	<1	<1	<1



WEAR METALS

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



ADDITIVES

Calcium	ppm	9	10	11	11
Magnesium	ppm	1	2	1	1
Zinc	ppm	9	6	8	18
Phosphorus	ppm	1196	1278	1179	1189
Barium	ppm	<1	0	<1	<1
Boron	ppm	312	301	289	275

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: 5658118
Signed: Wes Davis
Report Date: 13 Oct 2023



GRAPHS

