

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L526 051780-1558 - Front Differential

Sample No: LH0274542

Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH0274542	LH	LH	LH0162865
Sample Date	29 Aug 2023	07 Feb 2022	02 Nov 2020	10 Mar 2020
Machine Hours	3031	1837	817	0
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	N/A
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	97.0	94.6	97.8	189
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CONTAMINATION

Silicon	ppm	2	1	6	18
Sodium	ppm	<1	<1	2	6
Potassium	ppm	<1	<1	<1	<1



WEAR METALS

Iron	ppm	18	26	52	201
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	0	<1	<1
Chromium	ppm	0	0	<1	1
Molybdenum	ppm	2	2	2	5
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	0	0	<1
Silver	ppm	<1	0	<1	0
Manganese	ppm	<1	<1	<1	4
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	8	8	11	45
Magnesium	ppm	1	1	2	<1
Zinc	ppm	8	6	9	27
Phosphorus	ppm	2864	2862	3641	2337
Barium	ppm	0	0	<1	2
Boron	ppm	289	287	251	2

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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: 5632519
Signed: Wes Davis
Report Date: 30 Aug 2023



GRAPHS

