

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 055862-1334 - Transmission (Manual)

Sample No: LH

Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH	LH0199595	LH	LH
Sample Date	07 Aug 2023	13 Sep 2021	03 Oct 2020	08 Jul 2020
Machine Hours	8000	3983	2100	0
Oil Hours	0	0	2100	0
Oil Changed	Changed	N/A	Changed	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

Bird's Hill Gravel and Stone Ltd.
 1 Terracon Place
 Winnipeg, MB
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 Contact: Joel Malkoske
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OIL CONDITION

Visc @ 40°C	cSt	40.4	34.6	36.3	42.1
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CONTAMINATION

Silicon	ppm	8	9	14	8
Sodium	ppm	1	8	13	16
Potassium	ppm	<1	1	2	2



WEAR METALS

Iron	ppm	20	27	23	13
Copper	ppm	<1	1	2	2
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	2	2	2	1
Chromium	ppm	0	0	<1	0
Molybdenum	ppm	<1	<1	<1	0
Nickel	ppm	0	<1	<1	<1
Titanium	ppm	0	0	<1	0
Silver	ppm	0	<1	<1	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3664	3367	3498	3329
Magnesium	ppm	14	14	12	8
Zinc	ppm	1485	1392	1423	1427
Phosphorus	ppm	1245	1201	1195	1150
Barium	ppm	0	0	<1	0
Boron	ppm	104	100	102	93

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: BIRWIN
 Unique No: 5619607
 Signed: Kevin Marson
 Report Date: 08 Aug 2023



GRAPHS

