

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 054472-1334 - Transmission (Manual)

Sample No: LH

Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH	LH0242801	LH	---
Sample Date	20 Nov 2023	14 Dec 2022	15 Dec 2021	---
Machine Hours	8000	6005	0	---
Oil Hours	0	0	2000	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

Bird's Hill Gravel and Stone Ltd.

1 Terracon Place

Winnipeg, MB

CA R2J 4B3

Contact: Joel Malkoske

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F:



OIL CONDITION

Visc @ 40°C	cSt	35.1	35.1	37.7	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	9	9	10	---
Sodium	ppm	2	8	9	---
Potassium	ppm	<1	1	2	---



WEAR METALS

Iron	ppm	27	31	63	---
Copper	ppm	<1	1	2	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	2	3	3	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	<1	0	---
Silver	ppm	<1	0	<1	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	3704	3839	3573	---
Magnesium	ppm	14	16	22	---
Zinc	ppm	1523	1513	1508	---
Phosphorus	ppm	1272	1325	1301	---
Barium	ppm	<1	0	0	---
Boron	ppm	103	108	106	---

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 fluid. The condition of the fluid is acceptable for the time in service.

Depot: BIRWIN

Unique No: 5683620

Signed: Kevin Marson

Report Date: 24 Nov 2023



GRAPHS

