

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 058872-1334 - Transmission (Manual)

Sample No: LH

Oil Type: TDH FLUID SAE 75W80



SAMPLE INFORMATION

Sample Number	LH	LH0250118	LH0150830	LH
Sample Date	16 Feb 2024	25 Apr 2023	22 Oct 2022	27 Feb 2021
Machine Hours	7925	6045	0	0
Oil Hours	0	0	0	2000
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

Bird's Hill Gravel and Stone Ltd.

1 Terracon Place

Winnipeg, MB

CA R2J 4B3

Contact: Joel Malkoske

Jmalkoske@glacialagg.ca

T: (204)663-0064

F:



OIL CONDITION

Visc @ 40°C	cSt	36.5	34.1	35.3	41.5



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	10	10	8	8
Sodium	ppm	2	8	7	12
Potassium	ppm	1	1	<1	2



WEAR METALS

Iron	ppm	74	40	17	23
Copper	ppm	1	1	<1	2
Lead	ppm	<1	<1	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	3	2	<1	<1
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3930	3873	3787	3380
Magnesium	ppm	18	17	14	12
Zinc	ppm	1540	1520	1513	1418
Phosphorus	ppm	1285	1314	1318	1229
Barium	ppm	0	0	0	0
Boron	ppm	112	106	108	99

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid.

Viscosity of sample indicates oil is within SAE 70W80 range, advise investigate. The condition of the fluid is acceptable for the time in service.

Depot: BIRWIN

Unique No: 5734558

Signed: Kevin Marson

Report Date: 22 Feb 2024



GRAPHS

