

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L586 058671-1334 - Transmission (Manual)

Sample No: LH0260107  
 Oil Type: NOT GIVEN



#### SAMPLE INFORMATION

Sample Number	LH0260107	LH0199518	LH	LH0186416
Sample Date	04 Jun 2023	07 Jul 2022	08 Jan 2022	27 Feb 2021
Machine Hours	6000	0	3000	1000
Oil Hours	0	0	0	1000
Oil Changed	N/A	Changed	N/A	Changed
Sample Status	NORMAL	NORMAL	MARGINAL	NORMAL

**Bird's Hill Gravel and Stone Ltd.**  
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#### OIL CONDITION

Visc @ 40°C	cSt	34.5	38.8	36.3	41.7
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#### CONTAMINATION

Silicon	ppm	10	9	12	10
Sodium	ppm	7	8	8	18
Potassium	ppm	2	2	2	3



#### WEAR METALS

Iron	ppm	37	35	61	53
Copper	ppm	1	1	1	2
Lead	ppm	0	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	2	2	3	2
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	<1	0	<1	0
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	0	<1	0	<1
Silver	ppm	0	0	6	<1
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	<1



#### ADDITIVES

Calcium	ppm	3482	3799	3787	3485
Magnesium	ppm	15	12	17	11
Zinc	ppm	1457	1486	1520	1430
Phosphorus	ppm	1307	1229	1253	1139
Barium	ppm	0	0	0	<1
Boron	ppm	103	104	109	96

#### Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 70W80 Tractor TDH Fluid. Please confirm the fluid type and grade, and specify the brand of the fluid on your next sample. 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: 5619606  
 Signed: Kevin Marson  
 Report Date: 08 Aug 2023



### GRAPHS

