

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 058671-1334 - Transmission (Manual)

Sample No: LH
 Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH	LH0260107	LH0199518	LH
Sample Date	08 Mar 2024	04 Jun 2023	07 Jul 2022	08 Jan 2022
Machine Hours	7837	6000	0	3000
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	Changed	N/A
Sample Status	NORMAL	NORMAL	NORMAL	MARGINAL

Bird's Hill Gravel and Stone Ltd.
 1 Terracon Place
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 F:



OIL CONDITION

Visc @ 40°C	cSt	34.9	34.5	38.8	36.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	10	10	9	12
Sodium	ppm	3	7	8	8
Potassium	ppm	2	2	2	2



WEAR METALS

Iron	ppm	92	37	35	61
Copper	ppm	1	1	1	1
Lead	ppm	<1	0	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	4	2	2	3
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	0	<1	0	<1
Nickel	ppm	0	<1	0	<1
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	6
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3770	3482	3799	3787
Magnesium	ppm	17	15	12	17
Zinc	ppm	1503	1457	1486	1520
Phosphorus	ppm	1286	1307	1229	1253
Barium	ppm	0	0	0	0
Boron	ppm	107	103	104	109

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: 5746648
 Signed: Kevin Marson
 Report Date: 13 Mar 2024



GRAPHS

