

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 68730 - Transmission (Manual)

Sample No: LH0285022

Oil Type: TDH FLUID SAE 70W80



SAMPLE INFORMATION

Sample Number	LH0285022	LH0239611	---	---
Sample Date	11 Feb 2024	12 Aug 2022	---	---
Machine Hours	8094	1209	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	ABNORMAL	NORMAL	---	---

CGC INC
 55 THIRD LINE RD
 HAGERSVILLE, ON
 CA N0A 1H0
 Contact: Mike Otterman
 motterman@cgcinc.com
 T: (905)768-2038
 F:



OIL CONDITION

Visc @ 40°C	cSt	34.8	41.8	---	---
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CONTAMINATION

Water	%	0.035	NEG	---	---
Silicon	ppm	9	8	---	---
Sodium	ppm	2	19	---	---
Potassium	ppm	<1	4	---	---



WEAR METALS

Iron	ppm	28	14	---	---
Copper	ppm	2	3	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3672	3518	---	---
Magnesium	ppm	10	9	---	---
Zinc	ppm	1484	1408	---	---
Phosphorus	ppm	1260	1167	---	---
Barium	ppm	0	0	---	---
Boron	ppm	102	97	---	---

Diagnosis

We advise that you check for the source of water entry. The fluid change at the time of sampling has been noted. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TDH FLUID SAE 70W80. Please confirm. All component wear rates are normal. Free water present. The fluid is no longer serviceable due to the presence of contaminants.

Depot: CGCHAG
Unique No: 5724157
Signed: Kevin Marson
Report Date: 15 Feb 2024



GRAPHS

