



CONSTRUCTION EQUIPMENT

2025 VOLVO L120H 633087 - TRANSMISSION (AUTO)



Sample No: VCP392638
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 2025



SAMPLE INFORMATION

Sample Number	VCP392638	VCP383151	VCP393474	VCP384265
Sample Date	19 Feb 2024	11 Sep 2023	19 May 2023	12 Jan 2023
Machine Hours	2420	1985	1500	985
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

LEONARDS CONTRACTING
 30850 STEPHENSON HWY
 MADISON HEIGHTS, MI
 US 48071
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OIL CONDITION

Visc @ 40°C	cSt	27.8	27.8	28.3	28.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	11	10	8	9
Sodium	ppm	2	3	0	4
Potassium	ppm	2	1	2	<1

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



WEAR METALS

Iron	ppm	77	58	47	44
Copper	ppm	12	10	9	6
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	0
Aluminum	ppm	3	3	2	1
Chromium	ppm	<1	<1	0	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	5	5	5	5
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	95	83	86	86
Magnesium	ppm	4	3	3	4
Zinc	ppm	17	17	16	21
Phosphorus	ppm	179	187	190	199
Barium	ppm	3	2	0	5
Boron	ppm	88	81	79	81

Depot: LEOMAD
Unique No: 10940932
Signed: Wes Davis
Report Date: 25 Mar 2024



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VOLVO GRAPHS

