



CONSTRUCTION EQUIPMENT

620884 VOLVO L90H 623580 - TRANSMISSION (AUTO)



Sample No: VCP432664
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 620884



SAMPLE INFORMATION

Sample Number	VCP432664	VCP415611	VCP395894	VCP379832
Sample Date	17 Oct 2023	23 Jun 2023	27 Feb 2023	07 Nov 2022
Machine Hours	12999	12505	11996	11575
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	26.7	26.3	26.4	26.5
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CONTAMINATION

Silicon	ppm	4	3	2	3
Sodium	ppm	4	4	0	3
Potassium	ppm	2	2	1	0

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	22	24	21	21
Copper	ppm	11	10	8	8
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	0
Aluminum	ppm	2	2	<1	2
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	1	0	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	66	74	64	64
Magnesium	ppm	0	1	<1	<1
Zinc	ppm	25	31	34	3
Phosphorus	ppm	161	163	149	156
Barium	ppm	0	0	<1	0
Boron	ppm	63	59	59	64

Depot: VOLVO0096
Unique No: 10712227
Signed: Wes Davis
Report Date: 26 Oct 2023



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VOLVO GRAPHS

