



CONSTRUCTION EQUIPMENT

400616 WM VOLVO L90H 624438 - TRANSMISSION (AUTO)



Sample No: VCP431653
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 400616 WM



SAMPLE INFORMATION

Sample Number	VCP431653	VCP432736	VCP417630	VCP421049
Sample Date	27 Oct 2023	01 Sep 2023	10 Jul 2023	16 May 2023
Machine Hours	12363	11842	11301	10677
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	27.8	26.7	26.7	27.6
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CONTAMINATION

Silicon	ppm	3	6	6	5
Sodium	ppm	4	9	11	9
Potassium	ppm	0	<1	3	2



WEAR METALS

Iron	ppm	21	51	49	42
Copper	ppm	5	10	11	8
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	0	2	1	1
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	0	0	<1	<1
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	2	2	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	64	81	79	76
Magnesium	ppm	0	2	0	4
Zinc	ppm	15	23	19	20
Phosphorus	ppm	151	193	193	195
Barium	ppm	0	0	0	0
Boron	ppm	89	67	78	62

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.

Depot: VOLVO0096
Unique No: 10725364
Signed: Don Baldrige
Report Date: 04 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

