



CONSTRUCTION EQUIPMENT

624438 WM VOLVO L90H 624438 - TRANSMISSION (AUTO)



Sample No: VCP431532
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 624438 WM



SAMPLE INFORMATION

Sample Number	VCP431532	VCP431653	VCP432736	VCP417630
Sample Date	15 Dec 2023	27 Oct 2023	01 Sep 2023	10 Jul 2023
Machine Hours	12918	12363	11842	11301
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	27.6	27.8	26.7	26.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	3	6	6
Sodium	ppm	3	4	9	11
Potassium	ppm	0	0	<1	3

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	26	21	51	49
Copper	ppm	5	5	10	11
Lead	ppm	0	0	0	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	0	0	2	1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	<1	0	0	<1
Nickel	ppm	0	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	2	2
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	55	64	81	79
Magnesium	ppm	0	0	2	0
Zinc	ppm	0	15	23	19
Phosphorus	ppm	147	151	193	193
Barium	ppm	0	0	0	0
Boron	ppm	85	89	67	78

Depot: VOLVO0096
Unique No: 10796095
Signed: Don Baldrige
Report Date: 22 Dec 2023



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VOLVO GRAPHS

