



CONSTRUCTION EQUIPMENT

660450 PRINCE VOLVO L90H 626545 - TRANSMISSION (AUTO)



Sample No: VCP438967
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 660450 PRINCE



SAMPLE INFORMATION

Sample Number	VCP438967	VCP432669	VCP417712	VCP398519
Sample Date	16 Jan 2024	20 Oct 2023	07 Jul 2023	10 Apr 2023
Machine Hours	2003	1583	988	449
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	ABNORMAL	ABNORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.0	27.8	28.1	28.3
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	13	10	10
Sodium	ppm	3	5	4	3
Potassium	ppm	0	2	0	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	26	244	165	97
Copper	ppm	3	10	5	5
Lead	ppm	0	0	0	0
Tin	ppm	<1	0	0	0
Aluminum	ppm	5	1	1	0
Chromium	ppm	0	<1	<1	0
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	0	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	2	11	8	8
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	76	71	68	80
Magnesium	ppm	0	0	0	3
Zinc	ppm	8	26	27	21
Phosphorus	ppm	184	185	189	178
Barium	ppm	2	<1	0	0
Boron	ppm	86	63	70	70

Depot: VOLVO0096
Unique No: 10845521
Signed: Sean Felton
Report Date: 25 Jan 2024



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VOLVO GRAPHS

