



CONSTRUCTION EQUIPMENT

VOLVO A25G 740250 - TRANSMISSION (AUTO)



Sample No: VCP440816
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP440816	VCP446511	VCP437586	VCP434380
Sample Date	28 Jun 2024	22 Apr 2024	26 Feb 2024	08 Nov 2023
Machine Hours	6651	6403	6109	5775
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	ABNORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	27.2	27.2	26.6	27.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	5	6	5
Sodium	ppm	5	7	6	6
Potassium	ppm	3	2	1	1

Diagnosis

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	53	42	46	36
Copper	ppm	24	19	20	16
Lead	ppm	<1	0	0	0
Tin	ppm	4	2	3	1
Aluminum	ppm	16	14	15	12
Chromium	ppm	<1	0	0	0
Molybdenum	ppm	<1	0	0	0
Nickel	ppm	3	2	3	2
Titanium	ppm	<1	0	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	1	<1	1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	81	89	85	79
Magnesium	ppm	4	1	1	1
Zinc	ppm	10	6	0	9
Phosphorus	ppm	155	197	193	195
Barium	ppm	0	0	0	0
Boron	ppm	79	78	72	78

Depot: VOLVO0090
Unique No: 11114149
Signed: Jonathan Hester
Report Date: 10 Jul 2024



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VOLVO GRAPHS

