



CONSTRUCTION EQUIPMENT

659047 TUCKER PAVING VOLVO A25G 740257 - TRANSMISSION (AUTO)



Sample No: VCP452120
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 659047 TUCKER PAVING



SAMPLE INFORMATION

Sample Number	VCP452120	VCP407830	VCP386600	VCP364356
Sample Date	08 Jan 2024	24 May 2023	30 Nov 2022	24 Aug 2022
Machine Hours	9175	8655	8249	7819
Oil Hours	1000	0	4000	500
Oil Changed	Not Chngd	Not Chngd	Changed	Not Chngd
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	27.5	30.7	27.5	27.6
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	8	3	3
Sodium	ppm	2	3	4	4
Potassium	ppm	7	6	5	5

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	69	77	82	83
Copper	ppm	16	13	16	14
Lead	ppm	0	0	0	0
Tin	ppm	2	1	1	1
Aluminum	ppm	10	10	10	10
Chromium	ppm	<1	<1	0	0
Molybdenum	ppm	<1	<1	<1	0
Nickel	ppm	2	2	2	0
Titanium	ppm	<1	<1	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	73	87	76	76
Magnesium	ppm	2	2	2	0
Zinc	ppm	0	25	9	25
Phosphorus	ppm	230	183	157	181
Barium	ppm	10	0	0	1
Boron	ppm	53	62	58	68

Depot: VOLVO0093
Unique No: 10886692
Signed: Don Baldrige
Report Date: 21 Feb 2024



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VOLVO GRAPHS

