



CONSTRUCTION EQUIPMENT

TUCKER PAVING VOLVO A25G 752438 - TRANSMISSION (AUTO)



Sample No: VCP444732
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: TUCKER PAVING



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SAMPLE INFORMATION

Sample Number	VCP444732	VCP447468	VCP382858	VCP389811
Sample Date	18 Jun 2024	20 Mar 2024	22 Feb 2023	18 Oct 2022
Machine Hours	3330	2811	1047	523
Oil Hours	0	0	1047	500
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	28.2	28.6	31.0	29.4
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	12	14	14	13
Sodium	ppm	7	5	3	2
Potassium	ppm	5	6	2	0



WEAR METALS

Iron	ppm	41	42	24	16
Copper	ppm	22	23	16	13
Lead	ppm	0	<1	0	0
Tin	ppm	6	7	4	2
Aluminum	ppm	29	27	15	8
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	0	<1	0	0
Nickel	ppm	2	3	2	1
Titanium	ppm	0	<1	0	0
Silver	ppm	0	<1	0	0
Manganese	ppm	4	4	3	2
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	70	75	73	72
Magnesium	ppm	0	1	<1	0
Zinc	ppm	7	7	0	0
Phosphorus	ppm	196	176	190	191
Barium	ppm	0	0	0	0
Boron	ppm	65	77	72	79

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: VOLVO0093
Unique No: 11099934
Signed: Don Baldrige
Report Date: 28 Jun 2024



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GRAPHS

