



CONSTRUCTION EQUIPMENT

TUCKER PAVING VOLVO A25G 740257 - TRANSMISSION (AUTO)



Sample No: VCP438574
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: TUCKER PAVING



SAMPLE INFORMATION

Sample Number	VCP438574	VCP447179	VCP452120	VCP407830
Sample Date	08 Jul 2024	26 Apr 2024	08 Jan 2024	24 May 2023
Machine Hours	10131	9765	9175	8655
Oil Hours	0	0	1000	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ABNORMAL

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OIL CONDITION

Visc @ 40°C	cSt	24.8	29.6	27.5	30.7
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CONTAMINATION

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

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	85	31	69	77
Copper	ppm	23	6	16	13
Lead	ppm	0	0	0	0
Tin	ppm	2	<1	2	1
Aluminum	ppm	12	10	10	10
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	<1	1	<1	<1
Nickel	ppm	3	0	2	2
Titanium	ppm	<1	0	<1	<1
Silver	ppm	<1	0	0	0
Manganese	ppm	<1	1	<1	<1
Vanadium	ppm	<1	<1	0	0



ADDITIVES

Calcium	ppm	74	399	73	87
Magnesium	ppm	2	16	2	2
Zinc	ppm	24	141	0	25
Phosphorus	ppm	226	302	230	183
Barium	ppm	<1	0	10	0
Boron	ppm	54	79	53	62

Depot: VOLVO0093
Unique No: 11124129
Signed: Wes Davis
Report Date: 15 Jul 2024



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VOLVO GRAPHS

