



CONSTRUCTION EQUIPMENT

TUCKER PAVING VOLVO A25G 740257 - TRANSMISSION (AUTO)



Sample No: VCP447179
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: TUCKER PAVING



SAMPLE INFORMATION

Sample Number	VCP447179	VCP452120	VCP407830	VCP386600
Sample Date	26 Apr 2024	08 Jan 2024	24 May 2023	30 Nov 2022
Machine Hours	9765	9175	8655	8249
Oil Hours	0	1000	0	4000
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	29.6	27.5	30.7	27.5
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	5	3	8	3
Sodium	ppm	3	2	3	4
Potassium	ppm	4	7	6	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	31	69	77	82
Copper	ppm	6	16	13	16
Lead	ppm	0	0	0	0
Tin	ppm	<1	2	1	1
Aluminum	ppm	10	10	10	10
Chromium	ppm	0	<1	<1	0
Molybdenum	ppm	1	<1	<1	<1
Nickel	ppm	0	2	2	2
Titanium	ppm	0	<1	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	1	<1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	399	73	87	76
Magnesium	ppm	16	2	2	2
Zinc	ppm	141	0	25	9
Phosphorus	ppm	302	230	183	157
Barium	ppm	0	10	0	0
Boron	ppm	79	53	62	58

Depot: VOLVO0093
Unique No: 11057950
Signed: Don Baldrige
Report Date: 02 Jun 2024



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VOLVO GRAPHS

