



CONSTRUCTION EQUIPMENT

579943 TUCKER PAVING VOLVO A25G 742081 - TRANSMISSION (AUTO)



Sample No: VCP425809
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 579943 TUCKER PAVING



SAMPLE INFORMATION

Sample Number	VCP425809	VCP392892	VCP386363	VCP376626
Sample Date	14 Jul 2023	13 Mar 2023	24 Oct 2022	02 Aug 2022
Machine Hours	7964	7506	7007	6588
Oil Hours	2000	1500	500	1500
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	29.3	27.9	28.3	28.4
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CONTAMINATION

Silicon	ppm	3	4	2	3
Sodium	ppm	6	4	3	4
Potassium	ppm	0	0	0	<1

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	22	17	15	8
Copper	ppm	9	7	7	5
Lead	ppm	0	0	0	<1
Tin	ppm	2	1	1	2
Aluminum	ppm	11	7	8	6
Chromium	ppm	0	0	0	0
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	<1	0	<1	<1
Titanium	ppm	<1	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	78	76	75	77
Magnesium	ppm	<1	4	0	2
Zinc	ppm	1	0	0	4
Phosphorus	ppm	206	200	189	200
Barium	ppm	0	0	0	0
Boron	ppm	107	92	86	96

Depot: VOLVO0093
Unique No: 10572513
Signed: Wes Davis
Report Date: 25 Jul 2023



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VOLVO GRAPHS

