



CONSTRUCTION EQUIPMENT

SPM579126 VOLVO A30G 74013 - TRANSMISSION (AUTO)



Sample No: VCP409227
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SPM579126



SAMPLE INFORMATION

Sample Number	VCP409227	VCP387433	VCP317713	VCP203457
Sample Date	06 Jul 2023	28 Nov 2022	02 Jul 2021	01 Sep 2017
Machine Hours	9329	8980	4067	336
Oil Hours	0	0	0	336
Oil Changed	Not Chngd	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	29.1	28.3	27.3	30.31
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CONTAMINATION

Silicon	ppm	3	6	3	18
Sodium	ppm	<1	4	3	4
Potassium	ppm	0	1	<1	4



WEAR METALS

Iron	ppm	<1	81	16	14
Copper	ppm	0	29	13	17
Lead	ppm	0	0	0	<1
Tin	ppm	0	6	2	2
Aluminum	ppm	<1	32	10	6
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	1	0	<1	0
Nickel	ppm	0	5	2	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	3
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	85	127	72	165
Magnesium	ppm	12	4	<1	<1
Zinc	ppm	13	37	<1	5
Phosphorus	ppm	218	168	163	246
Barium	ppm	0	0	0	0
Boron	ppm	89	65	101	89

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: VOLVO8885
Unique No: 10560825
Signed: Wes Davis
Report Date: 17 Jul 2023



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GRAPHS

