



CONSTRUCTION EQUIPMENT

633079 VOLVO A40G 341352 - TRANSMISSION (AUTO)



Sample No: VCP426187
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 633079



SAMPLE INFORMATION

Sample Number	VCP426187	VCP406331	VCP305302	VCP293101
Sample Date	08 Nov 2023	01 Feb 2023	29 Apr 2021	07 Oct 2020
Machine Hours	8415	7996	5966	5835
Oil Hours	2000	0	500	0
Oil Changed	Changed	Not Chngd	Changed	Changed
Sample Status	NORMAL	ABNORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	28.7	30.6	28.4	32.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	18	18	14	5
Sodium	ppm	3	3	6	4
Potassium	ppm	3	2	3	0

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	29	33	25	25
Copper	ppm	11	12	31	8
Lead	ppm	0	<1	<1	1
Tin	ppm	2	2	4	3
Aluminum	ppm	12	13	13	13
Chromium	ppm	0	0	<1	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	2	2	5	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	4	4	3	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	88	88	174	104
Magnesium	ppm	6	5	1	<1
Zinc	ppm	5	15	3	24
Phosphorus	ppm	212	207	279	256
Barium	ppm	0	1	0	0
Boron	ppm	74	84	88	108

Depot: VOLVO0093
Unique No: 10765346
Signed: Wes Davis
Report Date: 30 Nov 2023



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GRAPHS

