



CONSTRUCTION EQUIPMENT

SW-26366-2 CASTLE VA VOLVO A40G 340313 - TRANSMISSION (AUTO)



Sample No: VCP441954
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SW-26366-2 CASTLE VA



SAMPLE INFORMATION

Sample Number	VCP441954	VCP340954	VCP307171	VCP307911
Sample Date	15 Nov 2023	23 Nov 2021	07 Jul 2021	02 Apr 2021
Machine Hours	17580	13143	12169	11646
Oil Hours	2000	1000	1000	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

ARNOLD MACHINERY COMPANY
 2975 WEST 2100 SOUTH
 SALT LAKE CITY, UT
 US 84119
 Contact: KENDALL VELDER
 kvelder@arnoldmachinery.com
 T: (801)972-4000
 F: (801)975-9434



OIL CONDITION

Visc @ 40°C	cSt	28.6	27.3	27.4	26.7
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	12	2	2	0
Sodium	ppm	2	2	3	2
Potassium	ppm	4	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	18	6	5	11
Copper	ppm	11	5	4	8
Lead	ppm	0	0	0	<1
Tin	ppm	1	<1	<1	1
Aluminum	ppm	9	5	3	8
Chromium	ppm	<1	0	0	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	<1	<1	1
Titanium	ppm	0	0	0	0
Silver	ppm	0	1	0	0
Manganese	ppm	2	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	102	88	90	58
Magnesium	ppm	1	4	3	2
Zinc	ppm	4	12	15	10
Phosphorus	ppm	239	205	182	154
Barium	ppm	0	0	0	0
Boron	ppm	107	77	89	67

Depot: VOLVO8770
Unique No: 10754684
Signed: Sean Felton
Report Date: 27 Nov 2023



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GRAPHS

