



CONSTRUCTION EQUIPMENT

W07013277-1 VOLVO A40G 341245 - TRANSMISSION (AUTO)



Sample No: VCP412045
Oil Type: VOLVO AT 102
Job No: W07013277-1



SAMPLE INFORMATION

Sample Number	VCP412045	VCP418021	VCP246323	VCP252551
Sample Date	08 Nov 2023	21 Jul 2023	24 Jun 2022	27 Jul 2019
Machine Hours	7378	7168	6300	4096
Oil Hours	0	2000	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	ABNORMAL	ABNORMAL	NORMAL

MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND
 1345 MOUNTAIN ROAD
 GLEN ALLEN, VA
 US 23060
 Contact: KYLE RATLIFFE
 KRATLIFFE@MCCLUNG-LOGAN.COM
 T:
 F: (804)266-1611



OIL CONDITION

Visc @ 40°C	cSt	27.5	27.6	26.1	26.1
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CONTAMINATION

Silicon	ppm	3	4	6	6
Sodium	ppm	4	0	5	1
Potassium	ppm	3	1	0	1



WEAR METALS

Iron	ppm	21	23	47	27
Copper	ppm	8	9	17	16
Lead	ppm	0	0	0	<1
Tin	ppm	2	2	4	<1
Aluminum	ppm	12	12	21	12
Chromium	ppm	0	0	0	0
Molybdenum	ppm	0	<1	<1	0
Nickel	ppm	1	2	3	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	<1	0	0	0



ADDITIVES

Calcium	ppm	102	119	127	102
Magnesium	ppm	2	3	2	0
Zinc	ppm	15	18	25	6
Phosphorus	ppm	230	224	182	152
Barium	ppm	0	0	<1	0
Boron	ppm	105	99	79	71

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: VOLVO8882
Unique No: 10742501
Signed: Don Baldrige
Report Date: 18 Nov 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

