



CONSTRUCTION EQUIPMENT

W07012686 VOLVO A40G 341245 - TRANSMISSION (AUTO)



Sample No: VCP418021
Oil Type: VOLVO AT 102
Job No: W07012686



SAMPLE INFORMATION

Sample Number	VCP418021	VCP246323	VCP252551	VCP224041
Sample Date	21 Jul 2023	24 Jun 2022	27 Jul 2019	06 Jul 2018
Machine Hours	7168	6300	4096	2980
Oil Hours	2000	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	ABNORMAL	ABNORMAL	NORMAL	NORMAL

McClung-Logan Virginia LLC- RICHMOND
1345 MOUNTAIN ROAD
GLEN ALLEN, VA
US 23060
Contact: KYLE RATLIFFE
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OIL CONDITION

Visc @ 40°C	cSt	27.6	26.1	26.1	26.93
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CONTAMINATION

Silicon	ppm	4	6	6	7
Sodium	ppm	0	5	1	3
Potassium	ppm	1	0	1	0



WEAR METALS

Iron	ppm	23	47	27	28
Copper	ppm	9	17	16	11
Lead	ppm	0	0	<1	1
Tin	ppm	2	4	<1	1
Aluminum	ppm	12	21	12	11
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	<1	<1	0	1
Nickel	ppm	2	3	2	2
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	119	127	102	86
Magnesium	ppm	3	2	0	1
Zinc	ppm	18	25	6	6
Phosphorus	ppm	224	182	152	161
Barium	ppm	0	<1	0	0
Boron	ppm	99	79	71	69

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Moderate concentration of visible metal present. 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: 10604544
Signed: Sean Felton
Report Date: 16 Aug 2023



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VOLVO GRAPHS

