



CONSTRUCTION EQUIPMENT

W07013323 VOLVO A45G 342680 - TRANSMISSION



Sample No: VCP432684
Oil Type: MOBIL ATF 102
Job No: W07013323



SAMPLE INFORMATION

Sample Number	VCP432684	VCP401317	VCP340070	---
Sample Date	01 Sep 2023	18 Jan 2023	16 Nov 2021	---
Machine Hours	7062	5920	3968	---
Oil Hours	1000	2000	0	---
Oil Changed	Not Chngd	Changed	Changed	---
Sample Status	ABNORMAL	NORMAL	NORMAL	---

McClung-Logan Virginia LLC- 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	28.7	29.2	26.7	---
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CONTAMINATION

Silicon	ppm	6	4	8	---
Sodium	ppm	3	4	6	---
Potassium	ppm	1	0	10	---

Diagnosis

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	13	31	49	---
Copper	ppm	11	31	44	---
Lead	ppm	0	0	0	---
Tin	ppm	1	3	2	---
Aluminum	ppm	8	14	24	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	1	4	6	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	1	2	---
Vanadium	ppm	<1	0	1	---



ADDITIVES

Calcium	ppm	117	81	89	---
Magnesium	ppm	0	2	<1	---
Zinc	ppm	16	0	10	---
Phosphorus	ppm	202	182	161	---
Barium	ppm	0	0	0	---
Boron	ppm	83	80	68	---

Depot: VOLVO8882
Unique No: 10646927
Signed: Don Baldrige
Report Date: 19 Sep 2023



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GRAPHS

