



CONSTRUCTION EQUIPMENT

SW1028121 ODDONETTO VOLVO A40G 340471 - TRANSMISSION (AUTO)



Sample No: VCP430700
Oil Type: VOLVO AT 102
Job No: SW1028121 ODDONETTO



SAMPLE INFORMATION

Sample Number	VCP430700	VCP316317	VCP208255	---
Sample Date	29 Dec 2023	15 Jul 2021	30 Aug 2017	---
Machine Hours	8301	7149	2317	---
Oil Hours	0	0	2317	---
Oil Changed	Changed	Not Changd	Changed	---
Sample Status	ABNORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	27.1	26.3	27.27	---
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CONTAMINATION

Water	%	0.841	NEG	NEG	---
Silicon	ppm	18	8	19	---
Sodium	ppm	15	5	7	---
Potassium	ppm	6	1	4	---

Diagnosis

We advise that you check for the source of water entry. Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Gear wear is indicated. Torque converter wear is indicated. There is a high concentration of water present in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

Iron	ppm	231	75	79	---
Copper	ppm	97	58	167	---
Lead	ppm	1	0	1	---
Tin	ppm	11	6	8	---
Aluminum	ppm	55	26	39	---
Chromium	ppm	1	<1	<1	---
Molybdenum	ppm	1	<1	<1	---
Nickel	ppm	16	9	20	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	6	1	6	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	110	92	129	---
Magnesium	ppm	10	4	4	---
Zinc	ppm	186	12	20	---
Phosphorus	ppm	203	161	187	---
Barium	ppm	0	0	<1	---
Boron	ppm	52	79	59	---

Depot: VOLVO6174
Unique No: 10820399
Signed: Jonathan Hester
Report Date: 10 Jan 2024



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GRAPHS

