



CONSTRUCTION EQUIPMENT

10009 VOLVO A35G 340110 - TRANSMISSION (AUTO)



Sample No: VCP398607
Oil Type: VOLVO AT 102
Job No: 10009



SAMPLE INFORMATION

Sample Number	VCP398607	VCP386409	VCP301019	---
Sample Date	04 Dec 2023	06 Feb 2023	18 Jan 2021	---
Machine Hours	7486	6653	4446	---
Oil Hours	0	0	0	---
Oil Changed	Not Chngd	Changed	Changed	---
Sample Status	NORMAL	ABNORMAL	ABNORMAL	---

CLEAN EARTH - WALDORF

16301 GARDNER RD
 WALDORF, MD
 US 20601

Contact: RICK FORD
 rford@harso.com

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OIL CONDITION

Visc @ 40°C	cSt	28.4	30.4	25.8	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	4	8	9	---
Sodium	ppm	0	6	7	---
Potassium	ppm	2	0	0	---

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	17	34	59	---
Copper	ppm	10	29	56	---
Lead	ppm	0	0	<1	---
Tin	ppm	1	4	4	---
Aluminum	ppm	10	23	▲ 34	---
Chromium	ppm	0	0	<1	---
Molybdenum	ppm	<1	<1	2	---
Nickel	ppm	1	4	8	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	1	2	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	101	106	159	---
Magnesium	ppm	4	10	35	---
Zinc	ppm	0	10	68	---
Phosphorus	ppm	185	214	202	---
Barium	ppm	0	0	0	---
Boron	ppm	98	90	92	---

Depot: CLEWAL
Unique No: 10789116
Signed: Wes Davis
Report Date: 14 Dec 2023



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GRAPHS

