



CONSTRUCTION EQUIPMENT

VOLVO A45G 353251 - TRANSMISSION (AUTO)



Sample No: VCP454368
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP454368	VCP431856	VCP421344	---
Sample Date	04 May 2024	25 Jan 2024	20 Jul 2023	---
Machine Hours	3988	3274	2242	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Changd	Not Changd	---
Sample Status	NORMAL	ABNORMAL	ABNORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	28.2	28.0	28.8	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	7	4	7	---
Sodium	ppm	5	1	4	---
Potassium	ppm	3	2	1	---

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	23	21	18	---
Copper	ppm	12	18	10	---
Lead	ppm	2	0	0	---
Tin	ppm	4	3	1	---
Aluminum	ppm	16	11	11	---
Chromium	ppm	<1	<1	0	---
Molybdenum	ppm	<1	0	<1	---
Nickel	ppm	2	2	<1	---
Titanium	ppm	<1	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	2	0	1	---
Vanadium	ppm	0	0	<1	---



ADDITIVES

Calcium	ppm	80	72	74	---
Magnesium	ppm	0	3	0	---
Zinc	ppm	6	0	0	---
Phosphorus	ppm	200	176	202	---
Barium	ppm	0	0	0	---
Boron	ppm	77	91	113	---

Depot: VOLVO0090
Unique No: 11017920
Signed: Don Baldrige
Report Date: 09 May 2024



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GRAPHS

