



CONSTRUCTION EQUIPMENT

3764 SAGE GREEN VOLVO A45G 353243 - FILTER - TRANSMISSION (AUTO)



Sample No: VCP455414
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 3764 SAGE GREEN



SAMPLE INFORMATION

Sample Number	VCP455414	VCP446812	---	---
Sample Date	17 Jun 2024	30 May 2024	---	---
Machine Hours	1264	1243	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	ABNORMAL	NORMAL	---	---

VCES- VOLVO CONSTRUCTION EQUIPMENT
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OIL CONDITION

Visc @ 40°C	cSt	28.2	28.1	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	18	21	---	---
Sodium	ppm	3	6	---	---
Potassium	ppm	4	4	---	---



WEAR METALS

Iron	ppm	44	40	---	---
Copper	ppm	23	22	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	3	3	---	---
Aluminum	ppm	18	18	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	2	2	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	6	6	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	63	77	---	---
Magnesium	ppm	2	<1	---	---
Zinc	ppm	7	6	---	---
Phosphorus	ppm	220	214	---	---
Barium	ppm	0	<1	---	---
Boron	ppm	77	92	---	---

Diagnosis

Resample at the next service interval to monitor. (FAILURE). All component wear rates are normal. The wear metal levels do not reflect the reported failure. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO4486
Unique No: 11089080
Signed: Don Baldrige
Report Date: 23 Jun 2024



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GRAPHS

