



CONSTRUCTION EQUIPMENT

VOLVO A45G 353323 - TRANSMISSION (AUTO)



Sample No: VCP435532
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP435532	VCP401236	---	---
Sample Date	06 Jan 2024	30 Aug 2023	---	---
Machine Hours	1771	1291	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	27.87	27.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	16	16	---	---
Sodium	ppm	4	4	---	---
Potassium	ppm	4	2	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	35	28	---	---
Copper	ppm	20	16	---	---
Lead	ppm	0	0	---	---
Tin	ppm	2	2	---	---
Aluminum	ppm	13	12	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	3	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	76	74	---	---
Magnesium	ppm	0	2	---	---
Zinc	ppm	0	0	---	---
Phosphorus	ppm	232	192	---	---
Barium	ppm	0	0	---	---
Boron	ppm	99	89	---	---

Depot: VOLVO0090
Unique No: 10823013
Signed: Jonathan Hester
Report Date: 12 Jan 2024



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GRAPHS

