



CONSTRUCTION EQUIPMENT

VOLVO A45G 3534 18 - TRANSMISSION (AUTO)



Sample No: VCP436869
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

Sample Number	VCP436869	VCP439010	VCP433534	---
Sample Date	05 Apr 2024	27 Jan 2024	20 Oct 2023	---
Machine Hours	1960	1472	997	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Chngd	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	27.8	28.13	28.1	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	16	14	12	---
Sodium	ppm	5	1	2	---
Potassium	ppm	4	4	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	34	28	25	---
Copper	ppm	20	18	14	---
Lead	ppm	0	0	0	---
Tin	ppm	3	3	1	---
Aluminum	ppm	18	12	11	---
Chromium	ppm	<1	<1	0	---
Molybdenum	ppm	<1	<1	0	---
Nickel	ppm	2	2	<1	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	4	3	3	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

Calcium	ppm	93	80	76	---
Magnesium	ppm	2	2	0	---
Zinc	ppm	6	3	5	---
Phosphorus	ppm	214	173	151	---
Barium	ppm	0	<1	0	---
Boron	ppm	83	82	86	---

Depot: VOLVO0090
Unique No: 10966660
Signed: Wes Davis
Report Date: 09 Apr 2024



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GRAPHS

