



CONSTRUCTION EQUIPMENT

RA117 VOLVO A40G 353251 - TRANSMISSION (AUTO)



Sample No: VCE196394
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: RA117



SAMPLE INFORMATION

Sample Number	VCE196394	---	---	---
Sample Date	29 Nov 2023	---	---	---
Machine Hours	2018	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 27.6	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 18	---	---	---
Sodium	ppm	█ 5	---	---	---
Potassium	ppm	█ 3	---	---	---

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	█ 60	---	---	---
Copper	ppm	█ 25	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 4	---	---	---
Aluminum	ppm	█ 28	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 52	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 0	---	---	---
Phosphorus	ppm	█ 165	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 73	---	---	---

Depot: VOLVO0080
Unique No: 10769970
Signed: Sean Felton
Report Date: 07 Dec 2023



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GRAPHS

