



CONSTRUCTION EQUIPMENT

716461 BRIAR VOLVO A40G 352384 - TRANSMISSION (AUTO)



Sample No: VCP454521
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 716461 BRIAR



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SAMPLE INFORMATION

Sample Number	VCP454521	VCP424418	---	---
Sample Date	16 May 2024	25 Sep 2023	---	---
Machine Hours	3018	1110	---	---
Oil Hours	0	1110	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	SEVERE	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	29.8	32.5	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	72	19	---	---
Sodium	ppm	4	1	---	---
Potassium	ppm	<1	4	---	---



WEAR METALS

Iron	ppm	91	27	---	---
Copper	ppm	11	18	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	3	2	---	---
Aluminum	ppm	28	11	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	2	<1	---	---
Nickel	ppm	<1	2	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	4	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	76	80	---	---
Magnesium	ppm	4	2	---	---
Zinc	ppm	4	0	---	---
Phosphorus	ppm	228	203	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	92	88	---	---

Diagnosis

We advise that you check all areas where dirt can enter the system. We recommend that you drain the fluid from the component if this has not already been done. We recommend an early resample to monitor this condition. All component wear rates are normal. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. There is a moderate amount of visible silt present in the sample. The fluid is no longer serviceable due to the presence of contaminants.

Depot: VOLVO0093
Unique No: 11047595
Signed: Sean Felton
Report Date: 29 May 2024



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VOLVO GRAPHS

