



CONSTRUCTION EQUIPMENT

W114063091 CAROLINA VOLVO A45G 34225 - TRANSMISSION (AUTO)



Sample No: VCP369878
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: W114063091 CAROLINA



114 - ASCENDUM MACHINERY INC - CONCORD
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CONCORD, NC
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SAMPLE INFORMATION

Sample Number	VCP369878	---	---	---
Sample Date	30 Apr 2024	---	---	---
Machine Hours	7225	---	---	---
Oil Hours	1240	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	SEVERE	---	---	---



OIL CONDITION

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

Water	%	NEG	---	---	---
Silicon	ppm	▲ 74	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 3	---	---	---



WEAR METALS

Iron	ppm	■ 66	---	---	---
Copper	ppm	■ 15	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 4	---	---	---
Aluminum	ppm	● 21	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	■ <1	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	■ 91	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	13	---	---	---
Phosphorus	ppm	■ 213	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 91	---	---	---

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. The fluid is no longer serviceable due to the presence of contaminants.

Depot: VOLVO0016
Unique No: 11006915
Signed: Jonathan Hester
Report Date: 05 May 2024



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VOLVO GRAPHS

