



CONSTRUCTION EQUIPMENT

SW-25206-2 SWIFT VOLVO L60G 611131 - TRANSMISSION (AUTO)



Sample No: VCP430682
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SW-25206-2 SWIFT



SAMPLE INFORMATION

Sample Number	VCP430682	---	---	---
Sample Date	11 Oct 2023	---	---	---
Machine Hours	9716	---	---	---
Oil Hours	10	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

ARNOLD MACHINERY COMPANY

2975 WEST 2100 SOUTH
 SALT LAKE CITY, UT
 US 84119

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 T: (801)972-4000
 F: (801)975-9434



OIL CONDITION

Visc @ 40°C	cSt	■ 34.6	---	---	---
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CONTAMINATION

Water	%	■ 1.09	---	---	---
Silicon	ppm	■ <1	---	---	---
Sodium	ppm	■ 48	---	---	---
Potassium	ppm	■ 0	---	---	---



WEAR METALS

Iron	ppm	■ 2	---	---	---
Copper	ppm	■ 48	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	■ 45	---	---	---
Magnesium	ppm	■ 3	---	---	---
Zinc	ppm	■ 407	---	---	---
Phosphorus	ppm	■ 325	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 36	---	---	---

Diagnosis

We advise that you check for the source of water entry. Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. Appearance is unacceptable. There is a high concentration of water present in the fluid. The fluid is no longer serviceable due to the presence of contaminants.

Depot: VOLVO8770
Unique No: 10699945
Signed: Sean Felton
Report Date: 19 Oct 2023



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GRAPHS

