



CONSTRUCTION EQUIPMENT

D44505 VOLVO G946B 578070 - TRANSMISSION (AUTO)



Sample No: VCE049452
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: D44505



SAMPLE INFORMATION

Sample Number	VCE049452	VCP407304	---	---
Sample Date	18 Sep 2023	06 Sep 2023	---	---
Machine Hours	7142	6207	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

TOWN OF WESTBORO

4941 CENTER STREET
 WESTBORO, WI
 US 54490

Contact: JEFFREY PETERSON
 rmdjp@frontiernet.net
 T: (715)427-5867
 F: (715)427-5354



OIL CONDITION

Visc @ 40°C	cSt	27.1	27.3	---	---
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CONTAMINATION

Silicon	ppm	4	6	---	---
Sodium	ppm	5	4	---	---
Potassium	ppm	<1	3	---	---



WEAR METALS

Iron	ppm	71	69	---	---
Copper	ppm	13	11	---	---
Lead	ppm	3	2	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	3	6	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	171	169	---	---
Magnesium	ppm	4	4	---	---
Zinc	ppm	67	87	---	---
Phosphorus	ppm	207	208	---	---
Barium	ppm	0	0	---	---
Boron	ppm	54	60	---	---

Diagnosis

We recommend you service the filters on this component. We advise that you inspect for the source(s) of metal. We recommend an early resample to monitor this condition. High concentration of visible metal present. All component wear rates are normal. High wear metal levels reflect the reported slippage. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: TOWWESWI
Unique No: 10659128
Signed: Doug Bogart
Report Date: 24 Sep 2023



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GRAPHS

