



# CONSTRUCTION EQUIPMENT

## RIVERBEND VOLVO A25D 72376 - TRANSMISSION (AUTO)



**Sample No:** VCP390152  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** RIVERBEND



### SAMPLE INFORMATION

Sample Number	<b>VCP390152</b>	VCP401963	VCP221400	VCP199528
Sample Date	<b>17 Jul 2023</b>	21 Apr 2023	06 Sep 2018	24 May 2016
Machine Hours	<b>13075</b>	0	9808	7970
Oil Hours	<b>40</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Changed	Changed
Sample Status	<b>NORMAL</b>	SEVERE	NORMAL	NORMAL

**MCCLUNG-LOGAN EQUIPMENT CO INC - FREDERICKSBURG**  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>29.9</b>	27.0	27.25	28.29
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### CONTAMINATION

Silicon	ppm	<b>5</b>	4	2	4
Sodium	ppm	<b>34</b>	4	3	3
Potassium	ppm	<b>2</b>	0	3	2



### WEAR METALS

Iron	ppm	<b>6</b>	▲ 215	11	14
Copper	ppm	<b>13</b>	▲ 448	238	249
Lead	ppm	<b>2</b>	11	2	<1
Tin	ppm	<b>3</b>	▲ 25	12	12
Aluminum	ppm	<b>2</b>	23	9	8
Chromium	ppm	<b>0</b>	<1	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	<1
Nickel	ppm	<b>0</b>	<1	<1	1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	2	<1	<1
Vanadium	ppm	<b>0</b>	0	<1	0



### ADDITIVES

Calcium	ppm	<b>53</b>	82	104	195
Magnesium	ppm	<b>0</b>	4	2	3
Zinc	ppm	<b>1</b>	21	30	99
Phosphorus	ppm	<b>186</b>	141	189	296
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>79</b>	44	71	83

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the component. The condition of the oil is acceptable for the time in service.

**Depot:** MCCFRE  
**Unique No:** 10564032  
**Signed:** Don Baldrige  
**Report Date:** 21 Jul 2023



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## VOLVO GRAPHS

