



# CONSTRUCTION EQUIPMENT

## 412922 BULK EXP VOLVO L180H 5391 - TRANSMISSION (AUTO)



**Sample No:** VCP430724  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 412922 BULK EXP



### SAMPLE INFORMATION

Sample Number	<b>VCP430724</b>	VCP434903	VCP41722	VCP411671
Sample Date	<b>10 Nov 2023</b>	14 Sep 2023	19 Jul 2023	26 May 2023
Machine Hours	<b>4791</b>	3966	3194	2710
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Changed	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC**  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>30.0</b>	27.9	28.1	28.3
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### CONTAMINATION

Silicon	ppm	<b>2</b>	5	5	4
Sodium	ppm	<b>2</b>	3	4	2
Potassium	ppm	<b>0</b>	1	0	<1

### Diagnosis

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



### WEAR METALS

Iron	ppm	<b>20</b>	42	35	29
Copper	ppm	<b>3</b>	7	7	5
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	0	0
Aluminum	ppm	<b>0</b>	<1	1	<1
Chromium	ppm	<b>0</b>	0	<1	<1
Molybdenum	ppm	<b>0</b>	2	2	2
Nickel	ppm	<b>&lt;1</b>	0	0	0
Titanium	ppm	<b>0</b>	0	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	2	2	1
Vanadium	ppm	<b>0</b>	0	<1	0



### ADDITIVES

Calcium	ppm	<b>84</b>	125	124	119
Magnesium	ppm	<b>5</b>	25	22	23
Zinc	ppm	<b>3</b>	48	42	41
Phosphorus	ppm	<b>186</b>	217	216	211
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>87</b>	75	85	74

**Depot:** VOLVO0096  
**Unique No:** 10749085  
**Signed:** Wes Davis  
**Report Date:** 17 Nov 2023



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## VOLVO GRAPHS

