



# CONSTRUCTION EQUIPMENT

## 3598 BULK EXPRESS VOLVO L180H 5720 - TRANSMISSION (AUTO)



**Sample No:** VCP440022  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 3598 BULK EXPRESS



### SAMPLE INFORMATION

Sample Number	<b>VCP440022</b>	VCP432361	VCP434604	VCP434824
Sample Date	<b>07 Feb 2024</b>	20 Dec 2023	07 Nov 2023	13 Sep 2023
Machine Hours	<b>2615</b>	2139	1692	1126
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	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>27.9</b>	28.1	28.2	28.2
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>6</b>	9	9	8
Sodium	ppm	<b>4</b>	3	3	4
Potassium	ppm	<b>0</b>	2	1	3

### 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>49</b>	59	54	44
Copper	ppm	<b>6</b>	7	6	5
Lead	ppm	<b>0</b>	<1	<1	0
Tin	ppm	<b>0</b>	<1	<1	0
Aluminum	ppm	<b>0</b>	2	<1	<1
Chromium	ppm	<b>&lt;1</b>	<1	<1	0
Molybdenum	ppm	<b>0</b>	<1	0	0
Nickel	ppm	<b>0</b>	<1	0	0
Titanium	ppm	<b>0</b>	<1	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>3</b>	5	5	4
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>71</b>	83	81	104
Magnesium	ppm	<b>&lt;1</b>	5	3	5
Zinc	ppm	<b>10</b>	19	16	33
Phosphorus	ppm	<b>184</b>	210	197	217
Barium	ppm	<b>1</b>	14	4	0
Boron	ppm	<b>74</b>	69	72	82

**Depot:** VOLVO0096  
**Unique No:** 10873901  
**Signed:** Don Baldrige  
**Report Date:** 13 Feb 2024



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## VOLVO GRAPHS

