



# CONSTRUCTION EQUIPMENT

## TUCKER PAVING VOLVO L110H 631215 - TRANSMISSION (AUTO)



**Sample No:** VCP454955  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** TUCKER PAVING



### SAMPLE INFORMATION

Sample Number	<b>VCP454955</b>	VCP440414	VCP426175	VCP392747
Sample Date	<b>23 May 2024</b>	21 Feb 2024	03 Nov 2023	07 Mar 2023
Machine Hours	<b>13545</b>	13022	12508	11469
Oil Hours	<b>0</b>	0	4000	1000
Oil Changed	<b>Not Chngd</b>	Not Chngd	Changed	N/A
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC  
 8418 PALM RIVER ROAD  
 TAMPA, FL  
 US 33619  
 Contact: KENNY HANEY  
 khaney@flaglerce.com  
 T: (813)630-0077  
 F: (813)630-2233



### OIL CONDITION

Visc @ 40°C	cSt	<b>28.5</b>	28.7	29.1	29.5
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>4</b>	4	5	4
Sodium	ppm	<b>2</b>	0	2	2
Potassium	ppm	<b>1</b>	2	<1	2

### 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>19</b>	11	23	17
Copper	ppm	<b>2</b>	2	2	2
Lead	ppm	<b>0</b>	1	0	0
Tin	ppm	<b>0</b>	1	0	0
Aluminum	ppm	<b>3</b>	2	10	10
Chromium	ppm	<b>&lt;1</b>	<1	0	<1
Molybdenum	ppm	<b>&lt;1</b>	<1	0	<1
Nickel	ppm	<b>&lt;1</b>	<1	<1	0
Titanium	ppm	<b>&lt;1</b>	<1	0	0
Silver	ppm	<b>&lt;1</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	1
Vanadium	ppm	<b>&lt;1</b>	<1	0	0



### ADDITIVES

Calcium	ppm	<b>74</b>	69	73	79
Magnesium	ppm	<b>2</b>	2	2	4
Zinc	ppm	<b>12</b>	10	40	32
Phosphorus	ppm	<b>187</b>	197	209	210
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>94</b>	113	71	73

**Depot:** VOLVO0093  
**Unique No:** 11049395  
**Signed:** Don Baldrige  
**Report Date:** 30 May 2024



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## VOLVO GRAPHS

