



# CONSTRUCTION EQUIPMENT

660620 R BRO VOLVO L110H 632535 - TRANSMISSION (AUTO)



**Sample No:** VCP438815  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 660620 R BRO



**ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC**  
 9601 BOGGY CREEK RD  
 ORLANDO, FL  
 US 32824  
 Contact: Robert LaPlante  
 robert.laplante@altg.com  
 T: (407)508-9736  
 F: (407)659-8720



## SAMPLE INFORMATION

Sample Number	<b>VCP438815</b>	VCP432739	VCP350906	---
Sample Date	<b>16 Jan 2024</b>	31 Aug 2023	01 Aug 2023	---
Machine Hours	<b>1889</b>	1027	810	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---



## OIL CONDITION

Visc @ 40°C	cSt	<b>28.9</b>	28.4	28.6	---
-------------	-----	-------------	------	------	-----



## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>7</b>	7	8	---
Sodium	ppm	<b>3</b>	2	<1	---
Potassium	ppm	<b>0</b>	0	1	---



## WEAR METALS

Iron	ppm	<b>50</b>	48	47	---
Copper	ppm	<b>5</b>	3	4	---
Lead	ppm	<b>0</b>	0	<1	---
Tin	ppm	<b>&lt;1</b>	0	0	---
Aluminum	ppm	<b>2</b>	2	2	---
Chromium	ppm	<b>0</b>	<1	0	---
Molybdenum	ppm	<b>&lt;1</b>	0	<1	---
Nickel	ppm	<b>0</b>	0	<1	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>3</b>	3	4	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>80</b>	82	80	---
Magnesium	ppm	<b>0</b>	2	3	---
Zinc	ppm	<b>12</b>	6	15	---
Phosphorus	ppm	<b>189</b>	199	191	---
Barium	ppm	<b>4</b>	4	1	---
Boron	ppm	<b>83</b>	87	112	---

## 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.

**Depot:** VOLVO0096  
**Unique No:** 10845520  
**Signed:** Wes Davis  
**Report Date:** 24 Jan 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

