



# CONSTRUCTION EQUIPMENT

## 703130 RB VOLVO L110H 632535 - TRANSMISSION (AUTO)



**Sample No:** VCP451320  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 703130 RB



### SAMPLE INFORMATION

Sample Number	<b>VCP451320</b>	VCP438815	VCP432739	VCP350906
Sample Date	<b>25 Apr 2024</b>	16 Jan 2024	31 Aug 2023	01 Aug 2023
Machine Hours	<b>2591</b>	1889	1027	810
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>	28.9	28.4	28.6
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>7</b>	7	7	8
Sodium	ppm	<b>1</b>	3	2	<1
Potassium	ppm	<b>2</b>	0	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>49</b>	50	48	47
Copper	ppm	<b>7</b>	5	3	4
Lead	ppm	<b>&lt;1</b>	0	0	<1
Tin	ppm	<b>&lt;1</b>	<1	0	0
Aluminum	ppm	<b>4</b>	2	2	2
Chromium	ppm	<b>&lt;1</b>	0	<1	0
Molybdenum	ppm	<b>&lt;1</b>	<1	0	<1
Nickel	ppm	<b>&lt;1</b>	0	0	<1
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>&lt;1</b>	0	0	0
Manganese	ppm	<b>3</b>	3	3	4
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>92</b>	80	82	80
Magnesium	ppm	<b>3</b>	0	2	3
Zinc	ppm	<b>20</b>	12	6	15
Phosphorus	ppm	<b>211</b>	189	199	191
Barium	ppm	<b>4</b>	4	4	1
Boron	ppm	<b>82</b>	83	87	112

**Depot:** VOLVO0096  
**Unique No:** 11006921  
**Signed:** Wes Davis  
**Report Date:** 02 May 2024

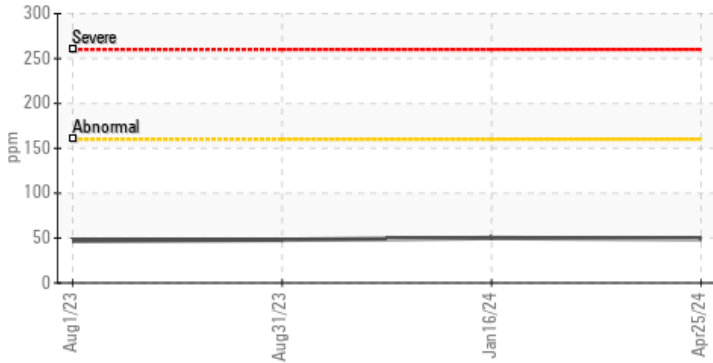


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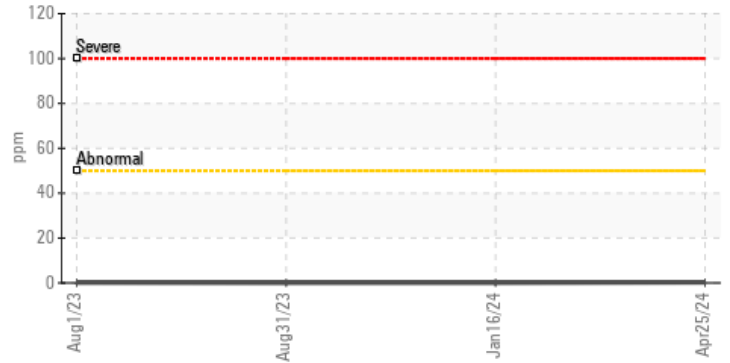


## GRAPHS

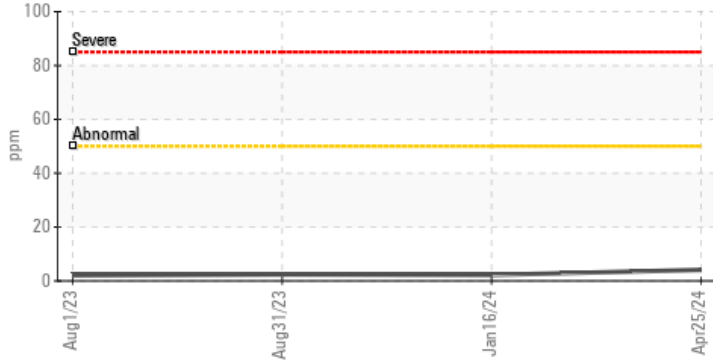
### Iron (ppm)



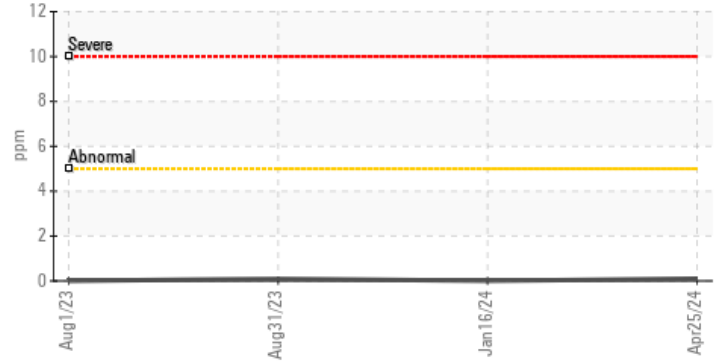
### Lead (ppm)



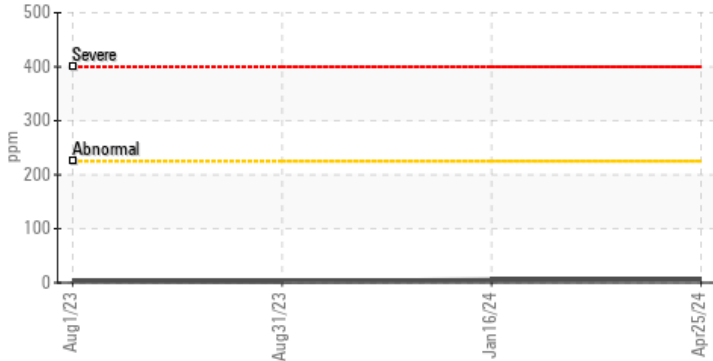
### Aluminum (ppm)



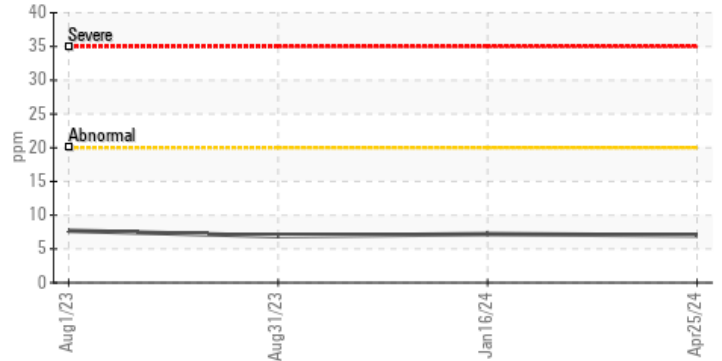
### Chromium (ppm)



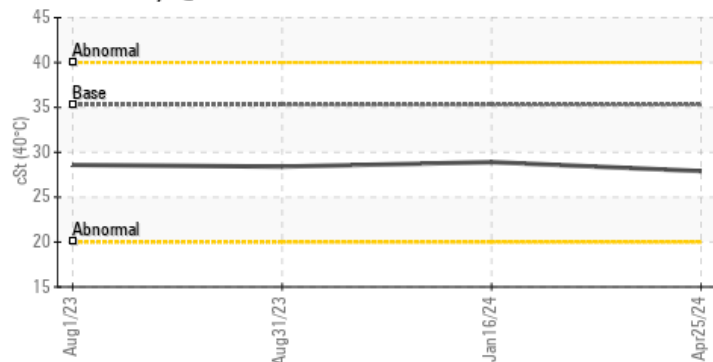
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

