



# CONSTRUCTION EQUIPMENT

## W214403 VOLVO L110H 10365 - TRANSMISSION (AUTO)



**Sample No:** VCP275714  
**Oil Type:** VOLVO AT 102  
**Job No:** W214403



### SAMPLE INFORMATION

Sample Number	<b>VCP275714</b>	VCP294993	VC069365	VCP232686
Sample Date	<b>23 Jul 2020</b>	31 Jan 2020	05 Dec 2019	05 Nov 2018
Machine Hours	<b>9102</b>	10272	8109	7016
Oil Hours	<b>1000</b>	2000	2000	3000
Oil Changed	<b>Not Changd</b>	Changed	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**ULSTER COUNTY RESOURCE RECOVERY AGENCY**  
 999 FLATBUSH AVE  
 KINGSTON, NY  
 US 12401  
 Contact: CHARLES WHITTAKER  
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 T: (845)399-2686  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>26.8</b>	26.4	26.6	27.04
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	<1	5	4
Sodium	ppm	<b>2</b>	0	4	4
Potassium	ppm	<b>&lt;1</b>	<1	<1	0

### 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>10</b>	15	30	23
Copper	ppm	<b>3</b>	5	11	8
Lead	ppm	<b>0</b>	<1	<1	0
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>0</b>	<1	4	2
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	<1	0	<1
Nickel	ppm	<b>&lt;1</b>	0	<1	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	2	1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>79</b>	96	85	83
Magnesium	ppm	<b>1</b>	1	0	1
Zinc	ppm	<b>14</b>	19	43	42
Phosphorus	ppm	<b>152</b>	169	172	174
Barium	ppm	<b>0</b>	0	0	<1
Boron	ppm	<b>122</b>	64	59	62

**Depot:** ULSKIN  
**Unique No:** 9150445  
**Signed:** Don Baldrige  
**Report Date:** 25 Aug 2020



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## VOLVO GRAPHS

