



# CONSTRUCTION EQUIPMENT

## 729269 MACK CONCRETE VOLVO L110H 631841 - TRANSMISSION (AUTO)



**Sample No:** VCP449671  
**Oil Type:** VOLVO AT 102  
**Job No:** 729269 MACK CONCRETE



### SAMPLE INFORMATION

Sample Number	<b>VCP449671</b>	VCP405594	VCP381268	VCP364021
Sample Date	<b>11 Jun 2024</b>	28 Mar 2023	03 Nov 2022	25 Aug 2022
Machine Hours	<b>13345</b>	9800	8509	7894
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Not Chngd
Sample Status	<b>ATTENTION</b>	ABNORMAL	ABNORMAL	ABNORMAL

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>36.0</b>	26.1	25.9	25.8
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>5</b>	16	11	13
Sodium	ppm	<b>0</b>	5	1	4
Potassium	ppm	<b>&lt;1</b>	2	2	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. Additive levels indicate the addition of a different brand, or type of fluid. Confirm oil type.



### WEAR METALS

Iron	ppm	<b>48</b>	211	170	171
Copper	ppm	<b>4</b>	10	9	10
Lead	ppm	<b>&lt;1</b>	<1	<1	<1
Tin	ppm	<b>&lt;1</b>	0	0	0
Aluminum	ppm	<b>4</b>	14	10	10
Chromium	ppm	<b>0</b>	<1	<1	<1
Molybdenum	ppm	<b>6</b>	1	<1	<1
Nickel	ppm	<b>0</b>	<1	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>2</b>	8	8	8
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>2683</b>	77	99	66
Magnesium	ppm	<b>10</b>	6	5	5
Zinc	ppm	<b>1129</b>	51	58	48
Phosphorus	ppm	<b>990</b>	176	151	145
Barium	ppm	<b>0</b>	0	0	4
Boron	ppm	<b>19</b>	37	38	49

**Depot:** VOLVO0093  
**Unique No:** 11076523  
**Signed:** Sean Felton  
**Report Date:** 17 Jun 2024



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## VOLVO GRAPHS

