



# CONSTRUCTION EQUIPMENT

## 600189 WASTE MGMT VOLVO L120H 632191 - TRANSMISSION (AUTO)



**Sample No:** VCP349201  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 600189 WASTE MGMT



### SAMPLE INFORMATION

Sample Number	<b>VCP349201</b>	VCP424196	VCP370552	VCP363793
Sample Date	<b>09 Jan 2024</b>	07 Sep 2023	13 Jan 2023	11 Oct 2022
Machine Hours	<b>17705</b>	17291	16571	16520
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	N/A
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**PACWEST MACHINERY**  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>28.4</b>	27.7	26.8	27.1
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>4</b>	6	7	6
Sodium	ppm	<b>2</b>	2	3	0
Potassium	ppm	<b>0</b>	0	0	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>52</b>	62	64	60
Copper	ppm	<b>3</b>	4	4	4
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>0</b>	<1	<1	0
Aluminum	ppm	<b>8</b>	11	10	10
Chromium	ppm	<b>0</b>	<1	<1	<1
Molybdenum	ppm	<b>2</b>	2	2	2
Nickel	ppm	<b>0</b>	<1	<1	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	1	1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>209</b>	254	215	228
Magnesium	ppm	<b>29</b>	33	23	21
Zinc	ppm	<b>91</b>	109	108	95
Phosphorus	ppm	<b>256</b>	263	284	248
Barium	ppm	<b>0</b>	0	12	0
Boron	ppm	<b>81</b>	78	81	73

**Depot:** VOLVO1271  
**Unique No:** 10862381  
**Signed:** Wes Davis  
**Report Date:** 06 Feb 2024



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## VOLVO GRAPHS

