



# CONSTRUCTION EQUIPMENT

## VOLVO L90H 626088 - TRANSMISSION (AUTO)



**Sample No:** VCP444337  
**Oil Type:** VOLVO AT 102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP444337</b>	VCP393546	VCP409310	VCP385264
Sample Date	<b>24 Apr 2024</b>	07 Jun 2023	10 Feb 2023	14 Nov 2022
Machine Hours	<b>4940</b>	3173	2420	1836
Oil Hours	<b>0</b>	3141	2420	1836
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**OLDCASTLE LAWN AND GARDEN**  
 2427 RWS RANCH RD  
 DAVENPORT, FL  
 US 33837  
 Contact: DAVID ORTIZ  
 david.ortiz@oldcastle.com  
 T: (800)833-2984  
 F: (863)421-1776



### OIL CONDITION

Visc @ 40°C	cSt	<b>27.7</b>	28.9	27.8	27.8
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	8	7	6
Sodium	ppm	<b>4</b>	<1	4	4
Potassium	ppm	<b>2</b>	2	2	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>42</b>	138	108	101
Copper	ppm	<b>5</b>	17	12	12
Lead	ppm	<b>0</b>	<1	<1	0
Tin	ppm	<b>&lt;1</b>	0	0	0
Aluminum	ppm	<b>&lt;1</b>	<1	<1	8
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	<1
Nickel	ppm	<b>0</b>	1	0	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	1	0
Manganese	ppm	<b>3</b>	10	9	8
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>86</b>	100	80	78
Magnesium	ppm	<b>1</b>	2	1	<1
Zinc	ppm	<b>22</b>	45	28	22
Phosphorus	ppm	<b>200</b>	227	189	159
Barium	ppm	<b>&lt;1</b>	0	0	0
Boron	ppm	<b>80</b>	75	56	62

**Depot:** GREDAVFL  
**Unique No:** 11057952  
**Signed:** Wes Davis  
**Report Date:** 31 May 2024



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## VOLVO GRAPHS

