



# CONSTRUCTION EQUIPMENT

## VOLVO L150H 6989 - TRANSMISSION (AUTO)



**Sample No:** VCP436463  
**Oil Type:** VOLVO AT 102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP436463</b>	VCP432789	VCP407076	VCP412085
Sample Date	<b>09 May 2024</b>	22 Feb 2024	15 Dec 2023	02 Oct 2023
Machine Hours	<b>7072</b>	6479	5961	5387
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	ABNORMAL	NORMAL	NORMAL

**CITY CARTING**  
 221 OLD GATE LN  
 MILFORD, CT  
 US 06460  
 Contact: TAVINS BANKS  
 tavins@citycart.net  
 T: (203)223-3885  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	<b>28.6</b>	28.4	28.5	28.2
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>2</b>	3	3	4
Sodium	ppm	<b>1</b>	2	2	1
Potassium	ppm	<b>0</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 oil. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>2</b>	5	3	12
Copper	ppm	<b>1</b>	2	<1	2
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	0	<1	<1
Aluminum	ppm	<b>0</b>	<1	0	0
Chromium	ppm	<b>0</b>	<1	0	0
Molybdenum	ppm	<b>0</b>	0	0	0
Nickel	ppm	<b>0</b>	<1	<1	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	<1	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>52</b>	72	76	82
Magnesium	ppm	<b>0</b>	2	2	2
Zinc	ppm	<b>0</b>	5	5	2
Phosphorus	ppm	<b>186</b>	177	211	188
Barium	ppm	<b>0</b>	0	<1	0
Boron	ppm	<b>104</b>	90	93	84

**Depot:** CITMILCON  
**Unique No:** 11034578  
**Signed:** Don Baldrige  
**Report Date:** 21 May 2024



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## GRAPHS

