



# CONSTRUCTION EQUIPMENT

## 1401 VOLVO L90F 6855 - TRANSMISSION



**Sample No:** VCP431003  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 1401



### SAMPLE INFORMATION

Sample Number	VCP431003	---	---	---
Sample Date	01 Dec 2023	---	---	---
Machine Hours	19554	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**VCES- VOLVO CONSTRUCTION EQUIPMENT**  
 8594 FRUITRIDGE ROAD  
 SACRAMENTO, CA  
 US 95826  
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 T:  
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### OIL CONDITION

Visc @ 40°C	cSt	■ 38.6	---	---	---
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### CONTAMINATION

Water	%	■ NEG	---	---	---
Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 3	---	---	---



### WEAR METALS

Iron	ppm	■ 80	---	---	---
Copper	ppm	■ 17	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 16	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	■ 644	---	---	---
Magnesium	ppm	■ 200	---	---	---
Zinc	ppm	■ 406	---	---	---
Phosphorus	ppm	■ 482	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 65	---	---	---

### 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.

**Depot:** VOLVO4485  
**Unique No:** 10769319  
**Signed:** Jonathan Hester  
**Report Date:** 06 Dec 2023



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## GRAPHS

