



# CONSTRUCTION EQUIPMENT

## 645826 ATLAS ORGANIC VOLVO A25G 740339 - TRANSMISSION (AUTO)



**Sample No:** VCP432402  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 645826 ATLAS ORGANIC



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### SAMPLE INFORMATION

Sample Number	<b>VCP432402</b>	VCP415774	VCP295939	VCP279992
Sample Date	<b>06 Dec 2023</b>	05 Jul 2023	04 Dec 2020	03 Aug 2020
Machine Hours	<b>10637</b>	10070	4926	4211
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Changed	Changed	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	ABNORMAL



### OIL CONDITION

Visc @ 40°C	cSt	<b>22.1</b>	27.8	22.3	27.0
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	3	1	9
Sodium	ppm	<b>3</b>	4	5	4
Potassium	ppm	<b>0</b>	4	0	1



### WEAR METALS

Iron	ppm	<b>6</b>	22	59	▲ 116
Copper	ppm	<b>6</b>	14	25	8
Lead	ppm	<b>0</b>	<1	0	<1
Tin	ppm	<b>&lt;1</b>	4	<1	0
Aluminum	ppm	<b>4</b>	13	24	<1
Chromium	ppm	<b>&lt;1</b>	0	<1	<1
Molybdenum	ppm	<b>0</b>	<1	<1	0
Nickel	ppm	<b>&lt;1</b>	2	5	<1
Titanium	ppm	<b>0</b>	0	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	1	<1	8
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>79</b>	83	108	123
Magnesium	ppm	<b>&lt;1</b>	<1	3	2
Zinc	ppm	<b>3</b>	0	14	57
Phosphorus	ppm	<b>177</b>	202	165	175
Barium	ppm	<b>0</b>	0	0	1
Boron	ppm	<b>86</b>	92	70	50

### 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.

**Depot:** VOLVO0093  
**Unique No:** 10780825  
**Signed:** Don Baldrige  
**Report Date:** 14 Dec 2023



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## VOLVO GRAPHS

