



# CONSTRUCTION EQUIPMENT

702884 APTIM VOLVO A30G 740273 - TRANSMISSION (AUTO)



**Sample No:** VCP444341  
**Oil Type:** VOLVO AT 102  
**Job No:** 702884 APTIM



## SAMPLE INFORMATION

Sample Number	<b>VCP444341</b>	VCP428850	VCP417110	VCP423511
Sample Date	<b>25 Apr 2024</b>	02 Jan 2024	22 Aug 2023	29 Mar 2023
Machine Hours	<b>11987</b>	11556	11091	10657
Oil Hours	<b>1000</b>	500	1000	1500
Oil Changed	<b>Changed</b>	N/A	Changed	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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## OIL CONDITION

Visc @ 40°C	cSt	<b>28.1</b>	28.1	27.3	28.2
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	3	4	4
Sodium	ppm	<b>5</b>	4	4	5
Potassium	ppm	<b>2</b>	0	1	<1

## 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>18</b>	16	24	19
Copper	ppm	<b>6</b>	4	8	7
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>3</b>	2	4	3
Aluminum	ppm	<b>13</b>	8	17	15
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>&lt;1</b>	0	<1	<1
Nickel	ppm	<b>&lt;1</b>	<1	2	1
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>&lt;1</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>76</b>	70	93	73
Magnesium	ppm	<b>&lt;1</b>	<1	2	1
Zinc	ppm	<b>8</b>	2	9	4
Phosphorus	ppm	<b>199</b>	197	182	192
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>90</b>	85	85	88

**Depot:** VOLVO0093  
**Unique No:** 11057959  
**Signed:** Don Baldrige  
**Report Date:** 02 Jun 2024



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## GRAPHS

