



# CONSTRUCTION EQUIPMENT

BKC HOLDING VOLVO A25C 740205 - TRANSMISSION (AUTO)



**Sample No:** VCP432088  
**Oil Type:** VOLVO AT 102  
**Job No:** BKC HOLDING



## SAMPLE INFORMATION

Sample Number	<b>VCP432088</b>	VCP376728	VCP299457	VCP219049
Sample Date	<b>09 Nov 2023</b>	15 Jul 2022	09 Jun 2021	08 Sep 2017
Machine Hours	<b>5144</b>	4607	4051	2265
Oil Hours	<b>0</b>	600	2000	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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## OIL CONDITION

Visc @ 40°C	cSt	<b>26.7</b>	26.8	27.0	28.00
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## CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>8</b>	8	8	16
Sodium	ppm	<b>8</b>	5	4	5
Potassium	ppm	<b>4</b>	1	2	8

## 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>45</b>	44	42	57
Copper	ppm	<b>20</b>	20	19	32
Lead	ppm	<b>0</b>	<1	0	0
Tin	ppm	<b>6</b>	6	6	7
Aluminum	ppm	<b>28</b>	28	21	34
Chromium	ppm	<b>0</b>	0	<1	<1
Molybdenum	ppm	<b>0</b>	0	0	0
Nickel	ppm	<b>4</b>	3	3	5
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	<1	0	0
Manganese	ppm	<b>3</b>	3	2	6
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>111</b>	109	113	166
Magnesium	ppm	<b>6</b>	<1	<1	1
Zinc	ppm	<b>11</b>	5	0	8
Phosphorus	ppm	<b>174</b>	196	206	276
Barium	ppm	<b>1</b>	0	0	2
Boron	ppm	<b>67</b>	95	81	72

**Depot:** VOLVO0093  
**Unique No:** 10848692  
**Signed:** Wes Davis  
**Report Date:** 27 Jan 2024



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## GRAPHS

