



# CONSTRUCTION EQUIPMENT

SWO-065663 VOLVO A45G 353090 - TRANSMISSION (AUTO)



**Sample No:** VCP432858  
**Oil Type:** DEXRON III  
**Job No:** SWO-065663



## SAMPLE INFORMATION

Sample Number	<b>VCP432858</b>	VCP407517	VCP395430	VCP370837
Sample Date	<b>19 Sep 2023</b>	09 Jun 2023	23 Feb 2023	17 Oct 2022
Machine Hours	<b>2023</b>	1481	1006	502
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Changd	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	NORMAL

### SAIIA CONSTRUCTION LLC

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## OIL CONDITION

Visc @ 40°C	cSt	<b>27.8</b>	27.7	27.9	28.1
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## CONTAMINATION

Silicon	ppm	<b>19</b>	18	21	21
Sodium	ppm	<b>3</b>	4	4	2
Potassium	ppm	<b>4</b>	5	4	1



## WEAR METALS

Iron	ppm	<b>38</b>	32	28	14
Copper	ppm	<b>28</b>	20	19	10
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>5</b>	4	2	<1
Aluminum	ppm	<b>22</b>	17	11	3
Chromium	ppm	<b>&lt;1</b>	<1	<1	0
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	<1
Nickel	ppm	<b>3</b>	3	2	<1
Titanium	ppm	<b>0</b>	0	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>4</b>	4	5	4
Vanadium	ppm	<b>0</b>	0	0	<1



## ADDITIVES

Calcium	ppm	<b>79</b>	76	77	68
Magnesium	ppm	<b>2</b>	1	8	<1
Zinc	ppm	<b>7</b>	0	30	2
Phosphorus	ppm	<b>181</b>	196	184	188
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>71</b>	80	76	74

## 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:** SAIBIR  
**Unique No:** 10661419  
**Signed:** Don Baldrige  
**Report Date:** 26 Sep 2023



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## GRAPHS

