



# CONSTRUCTION EQUIPMENT

## VOLVO A45G 352565 - TRANSMISSION (AUTO)



**Sample No:** VCP432352

**Oil Type:** NOT GIVEN

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP432352</b>	VCP428929	VCP416745	VCP414248
Sample Date	<b>06 Dec 2023</b>	03 Oct 2023	31 Jul 2023	31 May 2023
Machine Hours	<b>8568</b>	8080	7625	7148
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Changd</b>	Changed	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**SAIIA CONSTRUCTION LLC**

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### OIL CONDITION

Visc @ 40°C	cSt	<b>28.3</b>	27.5	27.6	28.0
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### CONTAMINATION

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



### WEAR METALS

Iron	ppm	<b>8</b>	10	13	9
Copper	ppm	<b>12</b>	17	15	12
Lead	ppm	<b>0</b>	0	<1	0
Tin	ppm	<b>&lt;1</b>	2	2	2
Aluminum	ppm	<b>2</b>	8	8	5
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>0</b>	0	<1	<1
Nickel	ppm	<b>1</b>	2	2	2
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>0</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>78</b>	83	87	85
Magnesium	ppm	<b>3</b>	5	4	4
Zinc	ppm	<b>0</b>	4	10	10
Phosphorus	ppm	<b>164</b>	133	168	158
Barium	ppm	<b>0</b>	0	0	2
Boron	ppm	<b>99</b>	70	103	76

### 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:** SAIBIR

**Unique No:** 10789118

**Signed:** Jonathan Hester

**Report Date:** 18 Dec 2023



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## GRAPHS

