



# CONSTRUCTION EQUIPMENT

## SWO64038 VOLVO A45G 352734 - TRANSMISSION (AUTO)



**Sample No:** VCP290238

**Oil Type:** DEXRON III

**Job No:** SWO64038



### SAMPLE INFORMATION

Sample Number	<b>VCP290238</b>	VCP382597	VCP380793	VCP390110
Sample Date	<b>17 Jul 2023</b>	27 Apr 2023	17 Jan 2023	12 Oct 2022
Machine Hours	<b>3875</b>	3463	2987	2471
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Changed	Not Chngd
Sample Status	<b>ABNORMAL</b>	NORMAL	ABNORMAL	ABNORMAL



### SAIIA CONSTRUCTION LLC

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### OIL CONDITION

Visc @ 40°C	cSt	<b>28.5</b>	28.6	29.3	29.6
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### CONTAMINATION

Water	%	---	---	▲ 0.462	▲ 0.776
Silicon	ppm	<b>3</b>	3	7	6
Sodium	ppm	<b>5</b>	0	7	4
Potassium	ppm	<b>&lt;1</b>	2	3	2



### WEAR METALS

Iron	ppm	<b>79</b>	64	99	56
Copper	ppm	<b>52</b>	44	63	27
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>4</b>	3	5	2
Aluminum	ppm	<b>4</b>	1	7	4
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>0</b>	<1	<1	<1
Nickel	ppm	<b>8</b>	6	8	4
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>2</b>	1	2	2
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>105</b>	82	79	70
Magnesium	ppm	<b>3</b>	4	6	2
Zinc	ppm	<b>205</b>	177	85	56
Phosphorus	ppm	<b>182</b>	162	190	186
Barium	ppm	<b>0</b>	0	<1	2
Boron	ppm	<b>29</b>	43	65	73

### Diagnosis

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Moderate concentration of visible metal present. 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:** 10564897  
**Signed:** Jonathan Hester  
**Report Date:** 24 Jul 2023



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## VOLVO GRAPHS

