



# CONSTRUCTION EQUIPMENT

SWO-064224 VOLVO A45G 352736 - TRANSMISSION (AUTO)



**Sample No:** VCP425076  
**Oil Type:** DEXRON III  
**Job No:** SWO-064224



## SAMPLE INFORMATION

Sample Number	<b>VCP425076</b>	VCP400725	VCP397709	VCP367374
Sample Date	<b>01 Aug 2023</b>	02 May 2023	07 Dec 2022	19 Sep 2022
Machine Hours	<b>7719</b>	3396	2918	2448
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	Not Changd	Changed	Not Changd
Sample Status	<b>NORMAL</b>	ABNORMAL	NORMAL	MARGINAL

### SAIIA CONSTRUCTION LLC

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## OIL CONDITION

Visc @ 40°C	cSt	<b>28.1</b>	29.4	28.5	28.8
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## CONTAMINATION

Silicon	ppm	<b>7</b>	6	5	11
Sodium	ppm	<b>&lt;1</b>	4	2	3
Potassium	ppm	<b>&lt;1</b>	0	<1	0



## WEAR METALS

Iron	ppm	<b>24</b>	13	22	15
Copper	ppm	<b>27</b>	14	18	15
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>3</b>	<1	2	2
Aluminum	ppm	<b>27</b>	10	9	12
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>&lt;1</b>	<1	0	0
Nickel	ppm	<b>5</b>	2	3	2
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>0</b>	0	0	0



## ADDITIVES

Calcium	ppm	<b>74</b>	73	71	76
Magnesium	ppm	<b>2</b>	3	0	0
Zinc	ppm	<b>5</b>	0	2	4
Phosphorus	ppm	<b>181</b>	184	189	205
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>112</b>	78	88	89

## 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:** 10588388  
**Signed:** Jonathan Hester  
**Report Date:** 07 Aug 2023



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## GRAPHS

