



# CONSTRUCTION EQUIPMENT

## SWO-068391 VOLVO A45G 352969 - TRANSMISSION (AUTO)



**Sample No:** VCP414808  
**Oil Type:** DEXRON III  
**Job No:** SWO-068391



### SAMPLE INFORMATION

Sample Number	<b>VCP414808</b>	VCP433940	VCP419129	VCP397747
Sample Date	<b>20 Dec 2023</b>	19 Sep 2023	21 Jun 2023	24 Jan 2023
Machine Hours	<b>2980</b>	2491	2003	1469
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Changd</b>	Not Changd	Changed	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

### SAIIA CONSTRUCTION LLC

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### OIL CONDITION

Visc @ 40°C	cSt	<b>28.1</b>	28.3	28.4	28.9
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>0</b>	4	9	8
Sodium	ppm	<b>0</b>	1	0	2
Potassium	ppm	<b>0</b>	1	3	2

### 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>17</b>	14	19	12
Copper	ppm	<b>4</b>	4	8	5
Lead	ppm	<b>0</b>	0	<1	<1
Tin	ppm	<b>0</b>	<1	1	<1
Aluminum	ppm	<b>5</b>	5	6	4
Chromium	ppm	<b>1</b>	<1	0	<1
Molybdenum	ppm	<b>0</b>	<1	<1	<1
Nickel	ppm	<b>0</b>	<1	<1	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>0</b>	<1	2	2
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>80</b>	74	70	72
Magnesium	ppm	<b>0</b>	2	0	1
Zinc	ppm	<b>0</b>	6	2	7
Phosphorus	ppm	<b>222</b>	183	190	193
Barium	ppm	<b>4</b>	0	0	0
Boron	ppm	<b>96</b>	96	110	97

**Depot:** SAIBIR  
**Unique No:** 10809886  
**Signed:** Jonathan Hester  
**Report Date:** 04 Jan 2024



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## VOLVO GRAPHS

