



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 340716 - TRANSMISSION (AUTO)



**Sample No:** VCP432355

**Oil Type:** DEXRON III

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP432355</b>	VCP419112	WC402279	VCP388699
Sample Date	<b>05 Dec 2023</b>	30 Aug 2023	26 Apr 2023	23 Nov 2022
Machine Hours	<b>9440</b>	8929	8381	7881
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**SAIIA CONSTRUCTION LLC**

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### OIL CONDITION

Visc @ 40°C	cSt	<b>28.9</b>	28.6	30.3	29.2
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### CONTAMINATION

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



### WEAR METALS

Iron	ppm	<b>8</b>	8	6	9
Copper	ppm	<b>6</b>	4	3	9
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	<1	<1	0
Aluminum	ppm	<b>5</b>	5	<1	7
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>0</b>	0	<1	0
Nickel	ppm	<b>&lt;1</b>	<1	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>0</b>	<1	0	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>71</b>	66	70	65
Magnesium	ppm	<b>&lt;1</b>	2	<1	0
Zinc	ppm	<b>&lt;1</b>	6	13	40
Phosphorus	ppm	<b>174</b>	194	185	174
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>97</b>	94	97	75

### 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:** 10789119

**Signed:** Jonathan Hester

**Report Date:** 18 Dec 2023



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## GRAPHS

