



# CONSTRUCTION EQUIPMENT

## 579670 PRIMERIS ENER VOLVO A40G 352509 - TRANSMISSION (AUTO)



**Sample No:** VCP425815  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 579670 PRIMERIS ENER



### SAMPLE INFORMATION

Sample Number	<b>VCP425815</b>	VCP424480	VCP392957	VCP365214
Sample Date	<b>13 Jul 2023</b>	25 Apr 2023	06 Dec 2022	16 Aug 2022
Machine Hours	<b>4873</b>	4282	3689	3145
Oil Hours	<b>500</b>	2000	1500	500
Oil Changed	<b>Not Chngd</b>	Changed	Not Chngd	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>28.6</b>	27.2	27.77	27.4
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### CONTAMINATION

Silicon	ppm	<b>5</b>	10	9	10
Sodium	ppm	<b>3</b>	4	8	5
Potassium	ppm	<b>0</b>	4	<1	3

### 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>18</b>	43	37	33
Copper	ppm	<b>17</b>	52	45	43
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>2</b>	8	6	7
Aluminum	ppm	<b>8</b>	26	18	21
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>0</b>	<1	<1	<1
Nickel	ppm	<b>2</b>	8	5	7
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	<1
Manganese	ppm	<b>&lt;1</b>	2	2	2
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>70</b>	85	81	85
Magnesium	ppm	<b>&lt;1</b>	2	<1	1
Zinc	ppm	<b>0</b>	7	7	5
Phosphorus	ppm	<b>188</b>	171	174	175
Barium	ppm	<b>0</b>	0	<1	0
Boron	ppm	<b>92</b>	68	71	64

**Depot:** VOLVO0093  
**Unique No:** 10564901  
**Signed:** Wes Davis  
**Report Date:** 21 Jul 2023



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## GRAPHS

