



# CONSTRUCTION EQUIPMENT

661511 PRIMORIS VOLVO A40G 352782 - TRANSMISSION (AUTO)



**Sample No:** VCP432043  
**Oil Type:** VOLVO AT 102  
**Job No:** 661511 PRIMORIS



## SAMPLE INFORMATION

Sample Number	<b>VCP432043</b>	VCP397265	VCP364346	---
Sample Date	<b>29 Jan 2024</b>	17 Jan 2023	15 Aug 2022	---
Machine Hours	<b>4045</b>	2952	2306	---
Oil Hours	<b>2000</b>	1000	500	---
Oil Changed	<b>Changed</b>	Not Changd	Changed	---
Sample Status	<b>NORMAL</b>	ABNORMAL	NORMAL	---

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## OIL CONDITION

Visc @ 40°C	cSt	<b>28.1</b>	35.0	27.7	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>7</b>	5	14	---
Sodium	ppm	<b>4</b>	2	5	---
Potassium	ppm	<b>2</b>	0	4	---

## 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>26</b>	10	47	---
Copper	ppm	<b>14</b>	7	39	---
Lead	ppm	<b>0</b>	0	<1	---
Tin	ppm	<b>2</b>	<1	6	---
Aluminum	ppm	<b>14</b>	5	27	---
Chromium	ppm	<b>&lt;1</b>	0	0	---
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	---
Nickel	ppm	<b>2</b>	<1	6	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	<1	---
Manganese	ppm	<b>2</b>	<1	5	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>88</b>	82	93	---
Magnesium	ppm	<b>2</b>	0	4	---
Zinc	ppm	<b>7</b>	0	15	---
Phosphorus	ppm	<b>211</b>	190	199	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>89</b>	102	58	---

**Depot:** VOLVO0093  
**Unique No:** 10901631  
**Signed:** Sean Felton  
**Report Date:** 01 Mar 2024



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## VOLVO GRAPHS

