



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 341237 - TRANSMISSION (AUTO)



**Sample No:** VCP411920

**Oil Type:** DEXRON III

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP411920</b>	VCP421176	VCP377638	---
Sample Date	<b>27 Jul 2023</b>	24 Mar 2023	20 Oct 2022	---
Machine Hours	<b>7468</b>	6717	6097	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	Not Changd	N/A	---
Sample Status	<b>ABNORMAL</b>	NORMAL	NORMAL	---

**HANSON SOUTHEAST**

NC HWY 117

ERWIN, NC

US 28339

Contact: Service Manager



### OIL CONDITION

Visc @ 40°C	cSt	<b>28.2</b>	28.6	28.1	---
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T:

F:



### CONTAMINATION

Silicon	ppm	<b>7</b>	5	12	---
Sodium	ppm	<b>4</b>	3	3	---
Potassium	ppm	<b>3</b>	2	8	---

### Diagnosis

Oil and filter change at the time of sampling has been noted. We advise that you inspect for the source(s) of metal. Resample at the next service interval to monitor. Moderate concentration of visible metal present. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>24</b>	11	31	---
Copper	ppm	<b>13</b>	8	27	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>1</b>	1	3	---
Aluminum	ppm	<b>14</b>	6	16	---
Chromium	ppm	<b>0</b>	0	0	---
Molybdenum	ppm	<b>0</b>	<1	<1	---
Nickel	ppm	<b>2</b>	<1	<1	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>&lt;1</b>	<1	<1	---
Vanadium	ppm	<b>&lt;1</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>67</b>	71	73	---
Magnesium	ppm	<b>0</b>	3	<1	---
Zinc	ppm	<b>0</b>	2	2	---
Phosphorus	ppm	<b>191</b>	194	181	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>110</b>	95	75	---

**Depot:** HANERW

**Unique No:** 10578275

**Signed:** Don Baldrige

**Report Date:** 01 Aug 2023



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## GRAPHS

