



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 342660 - BRAKE COOLING SYSTEM



**Sample No:** VCP0007798  
**Oil Type:** VOLVO WB 102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP0007798</b>	VCP415584	---	---
Sample Date	<b>29 Mar 2024</b>	16 Aug 2023	---	---
Machine Hours	<b>5381</b>	4876	---	---
Oil Hours	<b>5381</b>	1000	---	---
Oil Changed	<b>N/A</b>	Changed	---	---
Sample Status	<b>ABNORMAL</b>	ABNORMAL	---	---

**ALTA EQUIPMENT COMPANY**  
 8750 PHILIPS HWY  
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 US 32256  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>40.9</b>	40.6	---	---
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	---	---
Silicon	ppm	<b>17</b>	21	---	---
Sodium	ppm	<b>8</b>	7	---	---
Potassium	ppm	<b>0</b>	2	---	---

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other 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>42</b>	25	---	---
Copper	ppm	<b>462</b>	448	---	---
Lead	ppm	<b>0</b>	0	---	---
Tin	ppm	<b>&lt;1</b>	0	---	---
Aluminum	ppm	<b>&lt;1</b>	<1	---	---
Chromium	ppm	<b>&lt;1</b>	<1	---	---
Molybdenum	ppm	<b>0</b>	0	---	---
Nickel	ppm	<b>6</b>	7	---	---
Titanium	ppm	<b>0</b>	0	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>3</b>	2	---	---
Vanadium	ppm	<b>0</b>	0	---	---



### ADDITIVES

Calcium	ppm	<b>3316</b>	3539	---	---
Magnesium	ppm	<b>15</b>	15	---	---
Zinc	ppm	<b>1397</b>	1430	---	---
Phosphorus	ppm	<b>1374</b>	1333	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>114</b>	108	---	---

**Depot:** VOLVO0092  
**Unique No:** 10962586  
**Signed:** Sean Felton  
**Report Date:** 05 Apr 2024



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## VOLVO GRAPHS

