



# CONSTRUCTION EQUIPMENT

## W14423 VOLVO A45G 352087 - BRAKE COOLING SYSTEM



**Sample No:** VCP384242  
**Oil Type:** VOLVO WB 102  
**Job No:** W14423



### SAMPLE INFORMATION

Sample Number	VCP384242	---	---	---
Sample Date	02 Aug 2023	---	---	---
Machine Hours	5574	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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### OIL CONDITION

Visc @ 40°C	cSt	█ 42.5	---	---	---
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### CONTAMINATION

Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 7	---	---	---
Potassium	ppm	█ <1	---	---	---

### 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.



### WEAR METALS

Iron	ppm	█ 49	---	---	---
Copper	ppm	█ 76	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	█ 3339	---	---	---
Magnesium	ppm	█ 17	---	---	---
Zinc	ppm	█ 1448	---	---	---
Phosphorus	ppm	█ 1189	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 128	---	---	---

**Depot:** VOLVO0080  
**Unique No:** 10604476  
**Signed:** Jonathan Hester  
**Report Date:** 16 Aug 2023



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## VOLVO GRAPHS

