



# CONSTRUCTION EQUIPMENT

## 568198 VOLVO A30G 752866 - BRAKE COOLING SYSTEM



**Sample No:** VCP396916  
**Oil Type:** VOLVO WB 102  
**Job No:** 568198



### SAMPLE INFORMATION

Sample Number	VCP396916	---	---	---
Sample Date	05 Jul 2023	---	---	---
Machine Hours	1096	---	---	---
Oil Hours	1096	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

### RIPA AND ASSOCIATES

10149 FISHER AVENUE  
TAMPA, FL  
US 33619  
Contact: ROBERT TURNER  
rturner@ripatampa.com

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### OIL CONDITION

Visc @ 40°C	cSt	█ 45.6	---	---	---
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### CONTAMINATION

Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 3	---	---	---

### Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. 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	█ 7	---	---	---
Copper	ppm	█ 203	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	█ 3993	---	---	---
Magnesium	ppm	█ 9	---	---	---
Zinc	ppm	█ 1646	---	---	---
Phosphorus	ppm	█ 1330	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 129	---	---	---

**Depot:** RIPTAM  
**Unique No:** 10551180  
**Signed:** Don Baldrige  
**Report Date:** 13 Jul 2023



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## GRAPHS

