



# CONSTRUCTION EQUIPMENT

W07011941-1 STANLEY VOLVO A45G 342393 - BRAKE COOLING SYSTEM



**Sample No:** VCP401342  
**Oil Type:** VOLVO WB 102  
**Job No:** W07011941-1 STANLEY



## SAMPLE INFORMATION

Sample Number	VCP401342	---	---	---
Sample Date	13 Jan 2023	---	---	---
Machine Hours	6044	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

**McClung-Logan Virginia LLC- RICHMOND**  
1345 MOUNTAIN ROAD  
GLEN ALLEN, VA  
US 23060  
Contact: KYLE RATLIFFE  
KRATLIFFE@MCCLUNG-LOGAN.COM  
T:  
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## OIL CONDITION

Visc @ 40°C	cSt	■ 42.8	---	---	---
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## CONTAMINATION

Silicon	ppm	■ 15	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 1	---	---	---

## Diagnosis

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. 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	▲ 57	---	---	---
Copper	ppm	■ 147	---	---	---
Lead	ppm	■ 3	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 1	---	---	---
Nickel	ppm	■ 4	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	■ 3459	---	---	---
Magnesium	ppm	■ 37	---	---	---
Zinc	ppm	■ 1378	---	---	---
Phosphorus	ppm	■ 1201	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 101	---	---	---

**Depot:** VOLVO8882  
**Unique No:** 10295415  
**Signed:** Sean Felton  
**Report Date:** 18 Jan 2023



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## VOLVO GRAPHS

