



# CONSTRUCTION EQUIPMENT

## VOLVO A30G 742515 - BRAKE



**Sample No:** VCP412962

**Oil Type:** OEM

**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP412962	---	---	---
Sample Date	17 Aug 2023	---	---	---
Machine Hours	2000	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

**DH FUNK AND SONS LLC**  
 3995 CONTINENTAL DRIVE  
 COLUMBIA, PA  
 US 17512  
 Contact: GARY SHEPHERD  
 GSHEPHERD@DHFUNK.COM  
 T:  
 F:



### OIL CONDITION

Visc @ 40°C	cSt	■ 39.5	---	---	---
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### CONTAMINATION

Silicon	ppm	■ 14	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 1	---	---	---

### Diagnosis

The fluid change at the time of sampling has been noted. 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	■ 16	---	---	---
Copper	ppm	▲ 443	---	---	---
Lead	ppm	■ 4	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	3220	---	---	---
Magnesium	ppm	9	---	---	---
Zinc	ppm	1336	---	---	---
Phosphorus	ppm	1178	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	120	---	---	---

**Depot:** DHFCOL  
**Unique No:** 10615315  
**Signed:** Jonathan Hester  
**Report Date:** 23 Aug 2023



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## GRAPHS

