



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 752081 - WET DISC BRAKE



**Sample No:** VCP449932  
**Oil Type:** VOLVO WET BRAKE TRANSAXLE OIL  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP449932	---	---	---
Sample Date	23 May 2024	---	---	---
Machine Hours	1342	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

**ALTA EQUIPMENT COMPANY**  
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 US 33905  
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### OIL CONDITION

Visc @ 40°C	cSt	█ 43.9	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 15	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ <1	---	---	---



### WEAR METALS

Iron	ppm	█ 14	---	---	---
Copper	ppm	▲ 115	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	█ 4038	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 1668	---	---	---
Phosphorus	ppm	█ 1379	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 157	---	---	---

**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 oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO0090  
**Unique No:** 11056532  
**Signed:** Don Baldrige  
**Report Date:** 31 May 2024



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## GRAPHS

