



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 343662 (S/N 342662) - BRAKE COOLING SYSTEM



**Sample No:** VCP0008183

**Oil Type:** {unknown}

**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP0008183	---	---	---
Sample Date	16 Jul 2024	---	---	---
Machine Hours	6726	---	---	---
Oil Hours	6726	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

**ALTA EQUIPMENT COMPANY**  
 8750 PHILIPS HWY  
 JACKSONVILLE, FL  
 US 32256  
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### OIL CONDITION

Visc @ 40°C	cSt	■ 43.0	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 16	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ 1	---	---	---



### WEAR METALS

Iron	ppm	■ 33	---	---	---
Copper	ppm	▲ 283	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	■ 3	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	3256	---	---	---
Magnesium	ppm	43	---	---	---
Zinc	ppm	1258	---	---	---
Phosphorus	ppm	1018	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	139	---	---	---

### Diagnosis

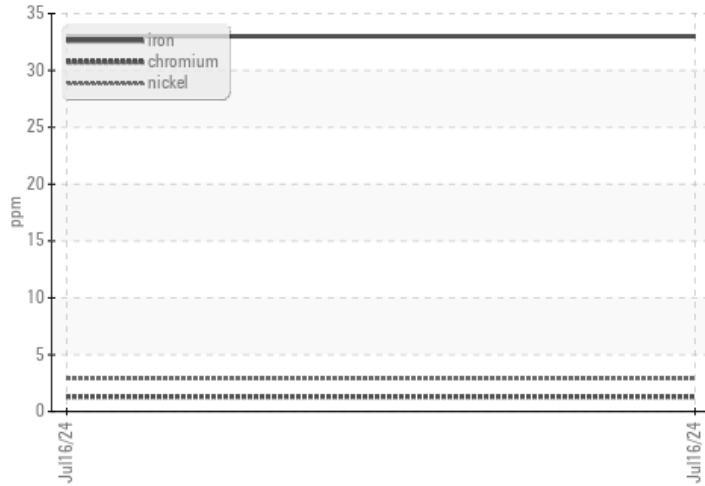
No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

**Depot:** VOLVO0092  
**Unique No:** 11129592  
**Signed:** Don Baldrige  
**Report Date:** 20 Jul 2024

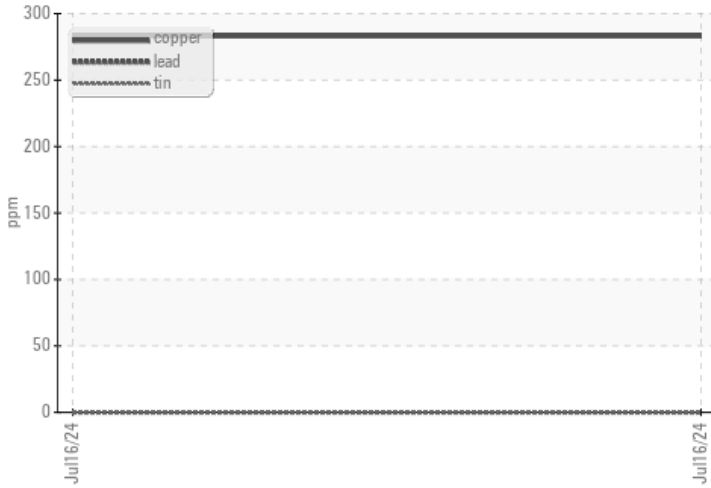


## GRAPHS

### Ferrous Alloys



### ▲ Non-ferrous Metals



### Viscosity @ 40°C

