



# CONSTRUCTION EQUIPMENT

## VOLVO A45G 342542 - HYDRAULIC SYSTEM



**Sample No:** VCP0007609

**Oil Type:** NOT GIVEN

**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP0007609	---	---	---
Sample Date	28 Jun 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	6304	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---



### ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY  
JACKSONVILLE, FL  
US 32256

Contact: TECHNICIAN ACCOUNT  
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### OIL CONDITION

Visc @ 40°C	cSt	█ 41.9	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.42	---	---	---



### CONTAMINATION

Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 1	---	---	---



### WEAR METALS

Iron	ppm	█ 11	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	3	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	160	---	---	---
Magnesium	ppm	15	---	---	---
Zinc	ppm	456	---	---	---
Phosphorus	ppm	368	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	0	---	---	---

### Diagnosis

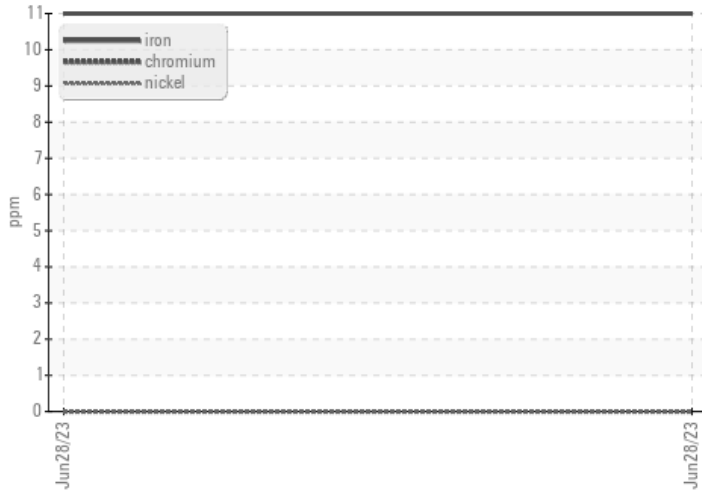
We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

**Depot:** VOLVO0092  
**Unique No:** 10547085  
**Signed:** Jonathan Hester  
**Report Date:** 11 Jul 2023



## GRAPHS

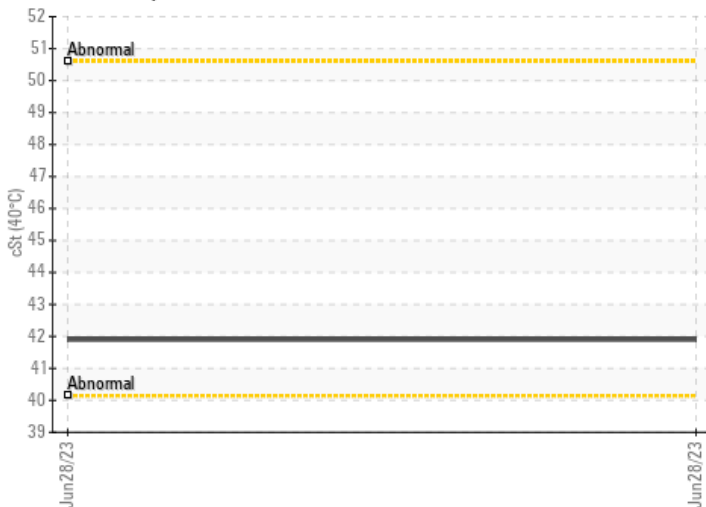
### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C



### Acid Number

