



# CONSTRUCTION EQUIPMENT

BECKNER VOLVO A25G 752540 - HYDRAULIC SYSTEM



**Sample No:** VCP429237  
**Oil Type:** DIESEL ENGINE OIL SAE 15W40  
**Job No:** BECKNER



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC  
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## SAMPLE INFORMATION

Sample Number	VCP429237	---	---	---
Sample Date	26 Sep 2023	---	---	---
Machine Hours	1036	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	█ 43.0	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.35	---	---	---



## CONTAMINATION

Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ <1	---	---	---



## WEAR METALS

Iron	ppm	█ 5	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---



## ADDITIVES

Calcium	ppm	█ 56	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 442	---	---	---
Phosphorus	ppm	█ 330	---	---	---
Barium	ppm	█ 0	---	---	---
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. Confirm oil type. The AN level is acceptable for this fluid.

**Depot:** VOLVO0093  
**Unique No:** 10675422  
**Signed:** Don Baldrige  
**Report Date:** 06 Oct 2023

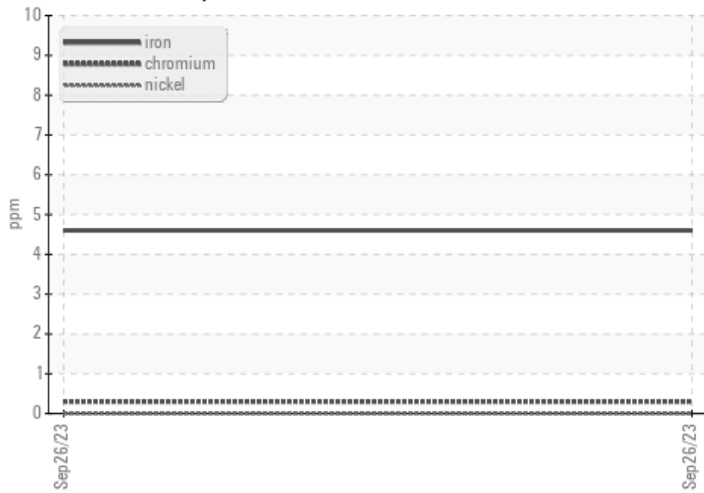


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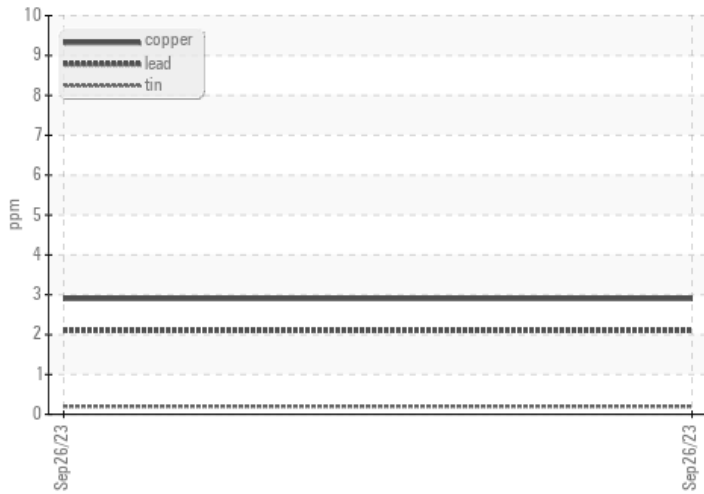


## GRAPHS

### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C



### Acid Number

