



# CONSTRUCTION EQUIPMENT

716461 BRIAR VOLVO A25 752384 - HYDRAULIC SYSTEM



**Sample No:** VCP454518  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:** 716461 BRIAR



## SAMPLE INFORMATION

Sample Number	VCP454518	---	---	---
Sample Date	16 May 2024	---	---	---
Machine Hours	3018	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

**ALTA EQUIPMENT COMPANY**  
5151 DR MARTIN LUTHER KING BLVD  
FORT MYERS, FL  
US 33905  
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T:  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 49.0	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.45	---	---	---



## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---



## WEAR METALS

Iron	ppm	█ 4	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 106	---	---	---
Magnesium	ppm	█ 18	---	---	---
Zinc	ppm	█ 456	---	---	---
Phosphorus	ppm	█ 347	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 1	---	---	---

## 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:** VOLVO0090  
**Unique No:** 11047131  
**Signed:** Don Baldrige  
**Report Date:** 29 May 2024

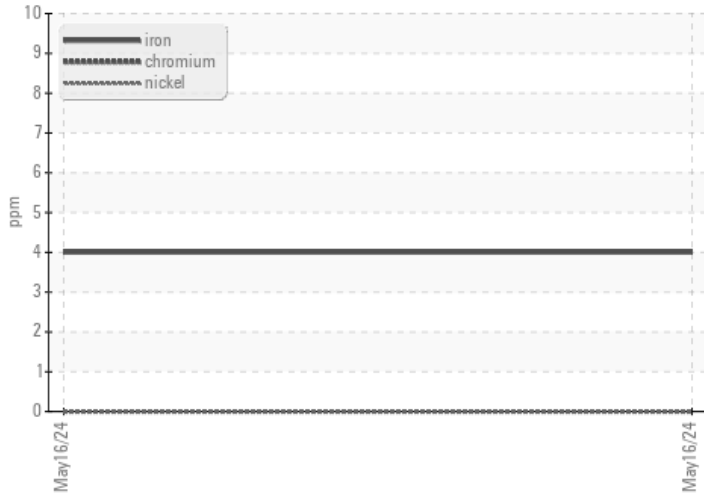


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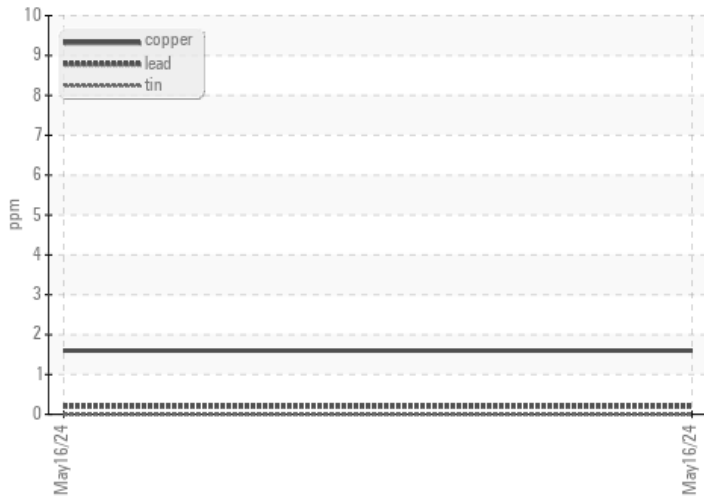


## GRAPHS

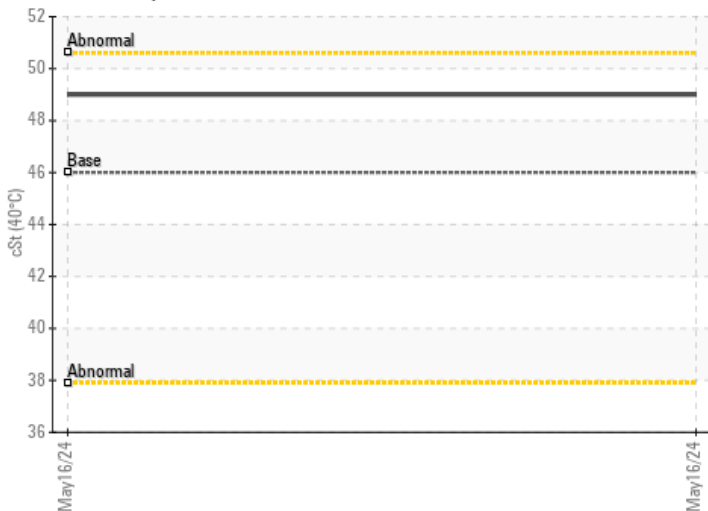
### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C



### Acid Number

