



# CONSTRUCTION EQUIPMENT

675223 COCOA VOLVO G930C 675223 - HYDRAULIC SYSTEM



**Sample No:** VCP439117  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:** 675223 COCOA



**ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC**  
 9601 BOGGY CREEK RD  
 ORLANDO, FL  
 US 32824  
 Contact: Robert LaPlante  
 robert.laplante@altg.com  
 T: (407)508-9736  
 F: (407)659-8720



## SAMPLE INFORMATION

Sample Number	VCP439117	---	---	---
Sample Date	22 Feb 2024	---	---	---
Machine Hours	951	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	█ 45.6	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.11	---	---	---



## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	▲ 25	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 0	---	---	---



## WEAR METALS

Iron	ppm	█ 0	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 108	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 104	---	---	---
Phosphorus	ppm	█ 342	---	---	---
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. Elemental level of silicon (Si) above normal indicating ingress of seal material. 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:** VOLVO0096  
**Unique No:** 10899788  
**Signed:** Jonathan Hester  
**Report Date:** 29 Feb 2024

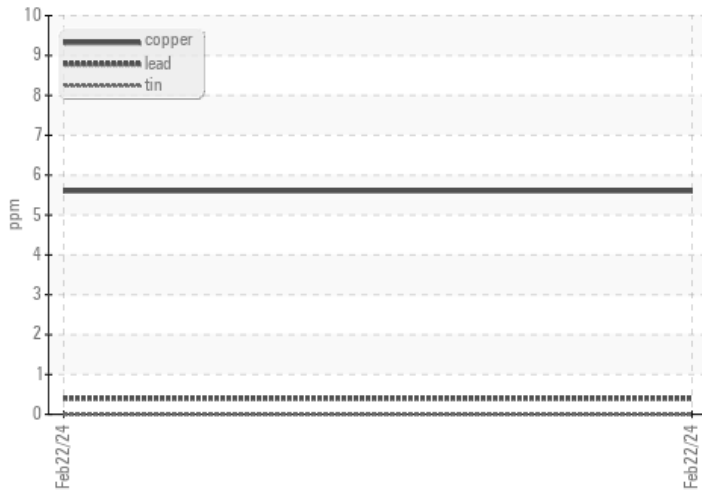


## GRAPHS

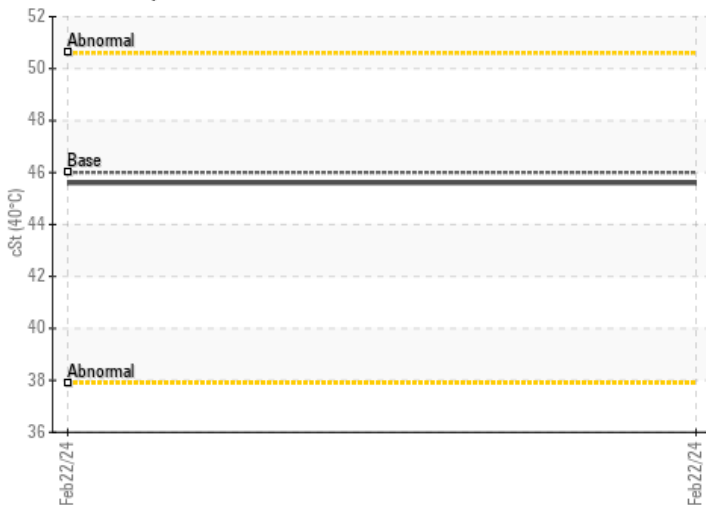
### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C



### Acid Number

