



# CONSTRUCTION EQUIPMENT

635050 ALTA RENTS VOLVO A25G 752294 - HYDRAULIC SYSTEM



**Sample No:** VCP432399  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:** 635050 ALTA RENTS



## SAMPLE INFORMATION

Sample Number	VCP432399	VCP376258	---	---
Sample Date	01 Dec 2023	09 Aug 2022	---	---
Machine Hours	1906	954	---	---
Oil Hours	0	1500	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	ATTENTION	---	---

**ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC**  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 50.5	█ 44.1	---	---
Acid Number (AN)	mg KOH/g	█ 0.84	█ 0.38	---	---



## CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		---	17814	---	---
Particles >6µm		---	█ 4209	---	---
Particles >14µm		---	▲ 262	---	---
ISO 4406:1999 (c)		---	21/19/15	---	---
Silicon	ppm	█ 17	█ 2	---	---
Sodium	ppm	█ 3	█ 0	---	---
Potassium	ppm	█ 0	█ 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 metal particles present in this sample. Moderate concentration of visible metal present. All component wear rates are normal. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	█ 0	█ 4	---	---
Copper	ppm	█ 2	█ 3	---	---
Lead	ppm	█ 0	█ 2	---	---
Tin	ppm	█ 0	█ <1	---	---
Aluminum	ppm	█ <1	█ 1	---	---
Chromium	ppm	█ 0	█ 0	---	---
Molybdenum	ppm	█ 28	█ <1	---	---
Nickel	ppm	█ 0	█ <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	█ <1	█ 0	---	---
Vanadium	ppm	0	0	---	---



## ADDITIVES

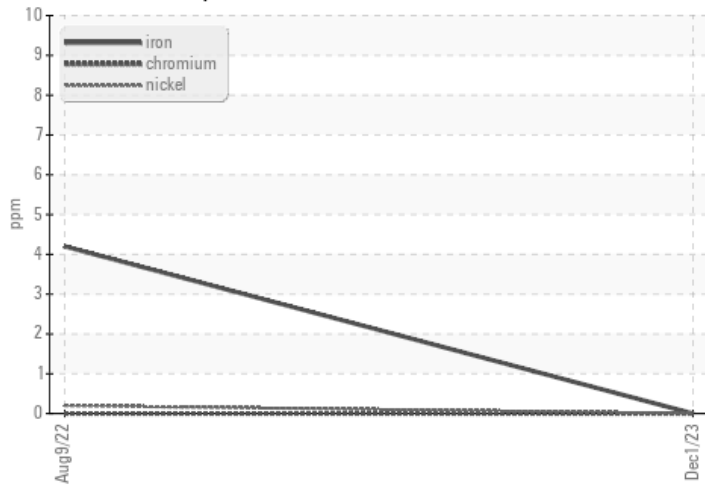
Calcium	ppm	█ 493	█ 84	---	---
Magnesium	ppm	█ 214	█ 0	---	---
Zinc	ppm	█ 518	█ 437	---	---
Phosphorus	ppm	█ 457	█ 341	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 29	█ 4	---	---

**Depot:** VOLVO0096  
**Unique No:** 10780264  
**Signed:** Don Baldrige  
**Report Date:** 13 Dec 2023

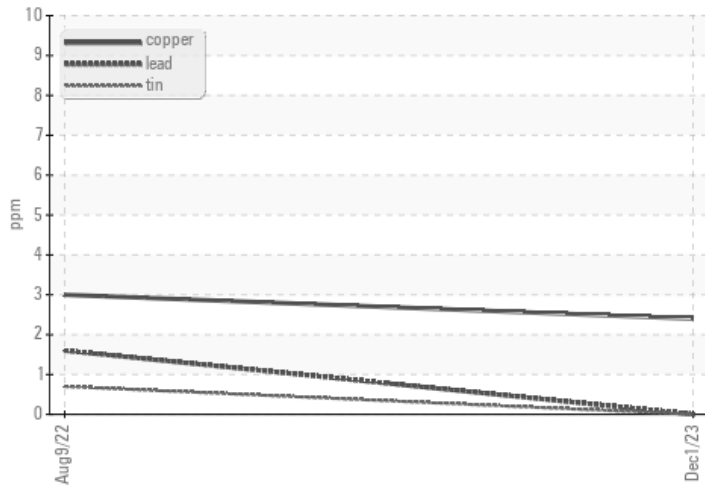


## GRAPHS

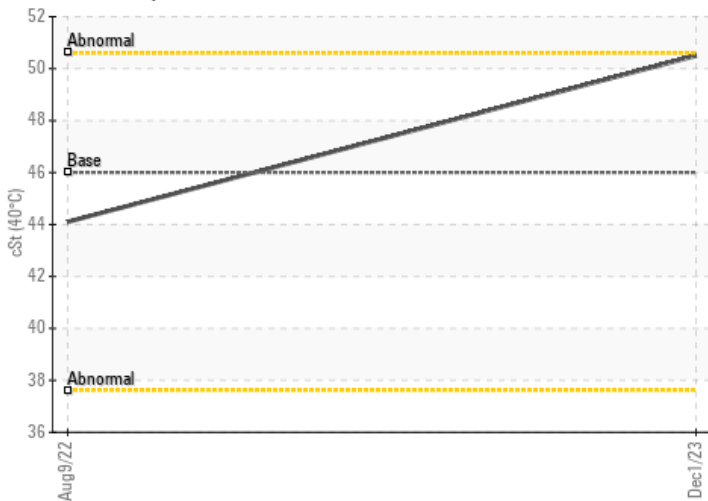
### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C



### Acid Number

