



# CONSTRUCTION EQUIPMENT

## SWA332816 VOLVO A25G 752532 - HYDRAULIC SYSTEM



**Sample No:** VCP395086  
**Oil Type:** AW HYDRAULIC OIL ISO 46  
**Job No:** SWA332816



### SAMPLE INFORMATION

Sample Number	VCP395086	---	---	---
Sample Date	20 Sep 2023	---	---	---
Machine Hours	3028	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

**ALTA EQUIPMENT COMPANY**  
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### OIL CONDITION

Visc @ 40°C	cSt	█ 44.5	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.37	---	---	---



### CONTAMINATION

Particles >4µm		█ 113995	---	---	---
Particles >6µm		▲ 32998	---	---	---
Particles >14µm		▲ 195	---	---	---
ISO 4406:1999 (c)		█ 24/22/15	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 1	---	---	---

### Diagnosis

We recommend you service the filters on this component. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) AW HYDRAULIC OIL ISO 46. Please confirm.  
 All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.



### WEAR METALS

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



### ADDITIVES

Calcium	ppm	█ 113	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 512	---	---	---
Phosphorus	ppm	█ 389	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

**Depot:** VOLVO0090  
**Unique No:** 10659324  
**Signed:** Wes Davis  
**Report Date:** 22 Sep 2023

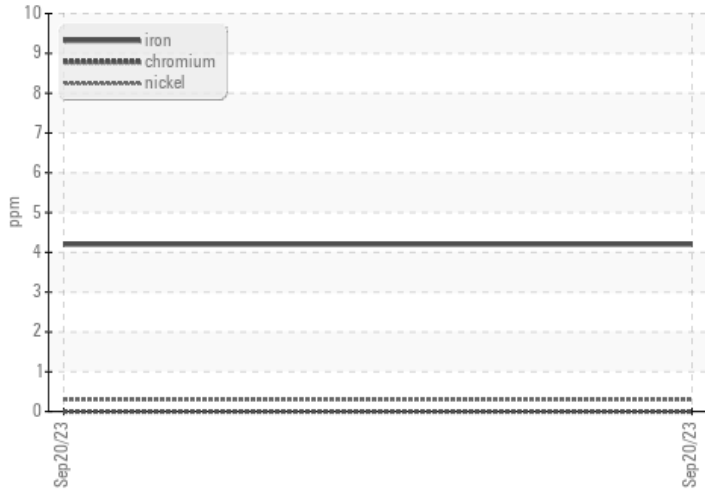


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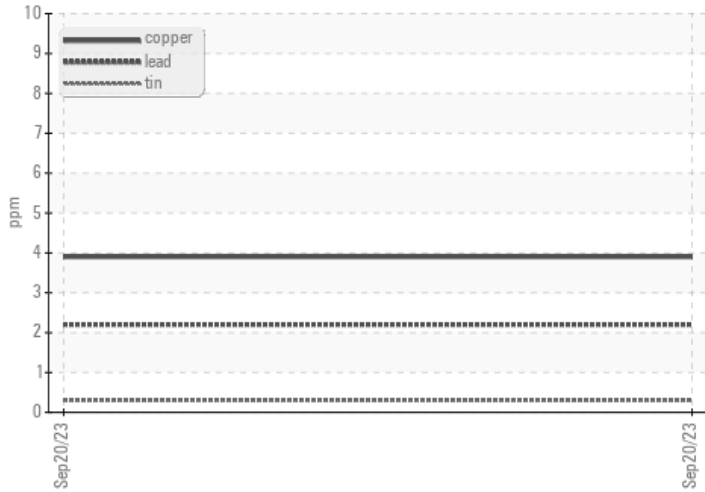


## VOLVO GRAPHS

### Ferrous Alloys



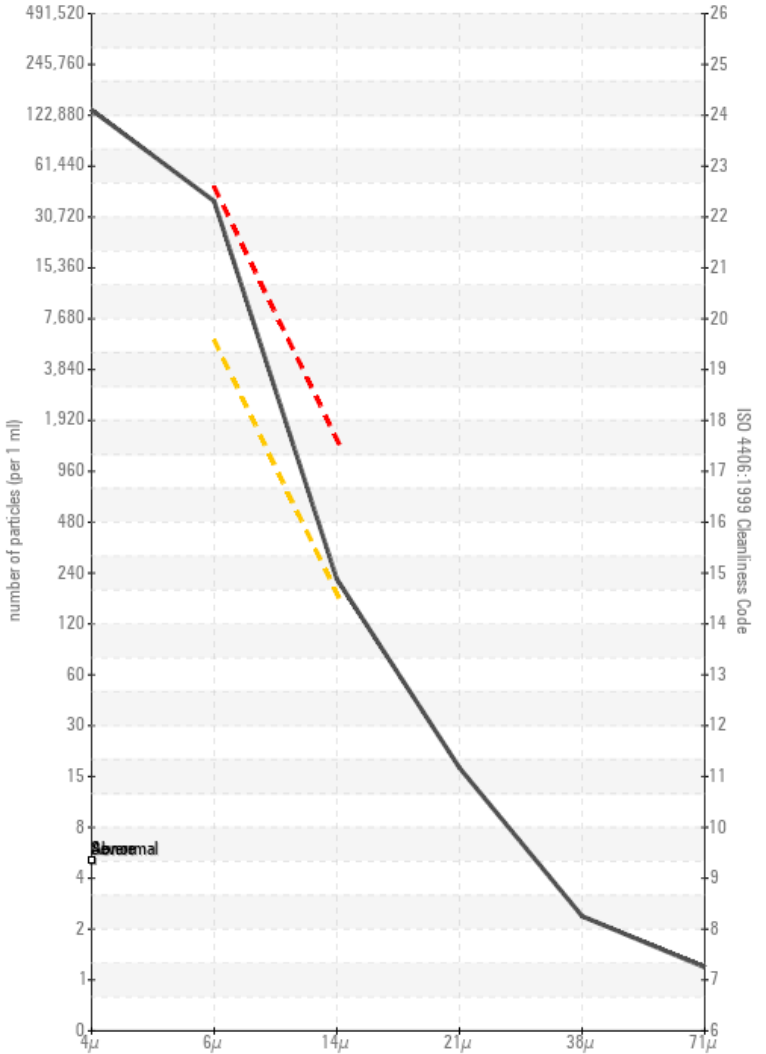
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

