



# CONSTRUCTION EQUIPMENT

X47388 VOLVO A25G 752635 - HYDRAULIC SYSTEM



**Sample No:** VCP427024  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:** X47388



## SAMPLE INFORMATION

Sample Number	VCP427024	---	---	---
Sample Date	09 Aug 2023	---	---	---
Machine Hours	1369	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---

**SCOTT EQUIPMENT COMPANY LLC - Lake Charles**  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 44.0	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.38	---	---	---



## CONTAMINATION

Particles >4µm		█ 16813	---	---	---
Particles >6µm		█ 4352	---	---	---
Particles >14µm		▲ 170	---	---	---
ISO 4406:1999 (c)		█ 21/19/15	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---

## Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



## WEAR METALS

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



## ADDITIVES

Calcium	ppm	█ 63	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 375	---	---	---
Phosphorus	ppm	█ 283	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	█ 0	---	---	---

**Depot:** VOLVO6244  
**Unique No:** 10606008  
**Signed:** Wes Davis  
**Report Date:** 17 Aug 2023

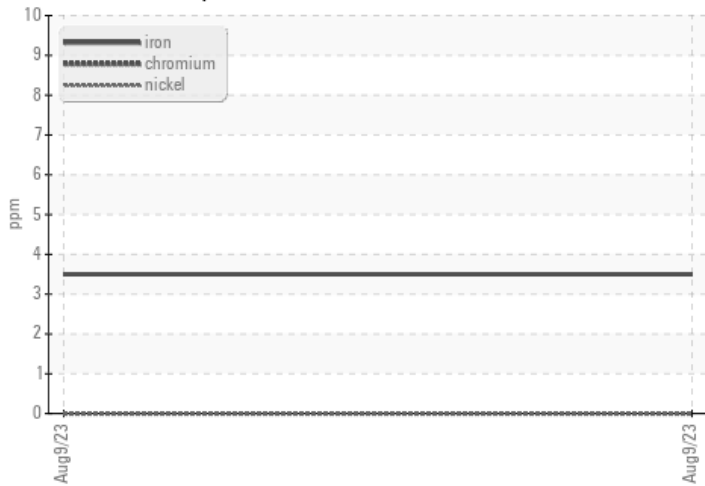


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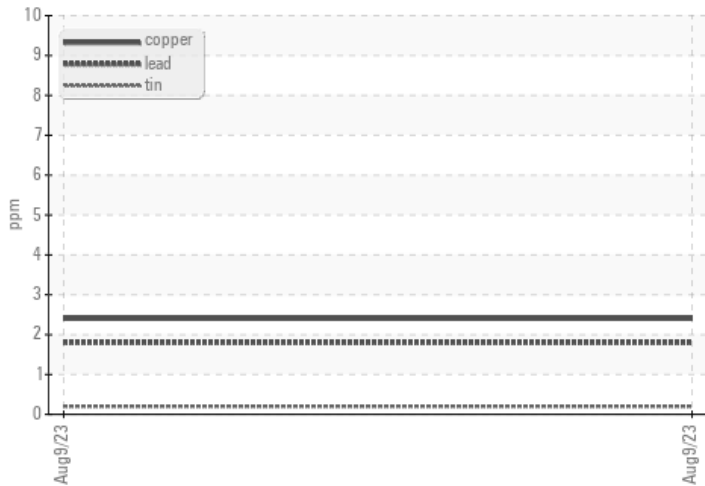


## GRAPHS

### Ferrous Alloys



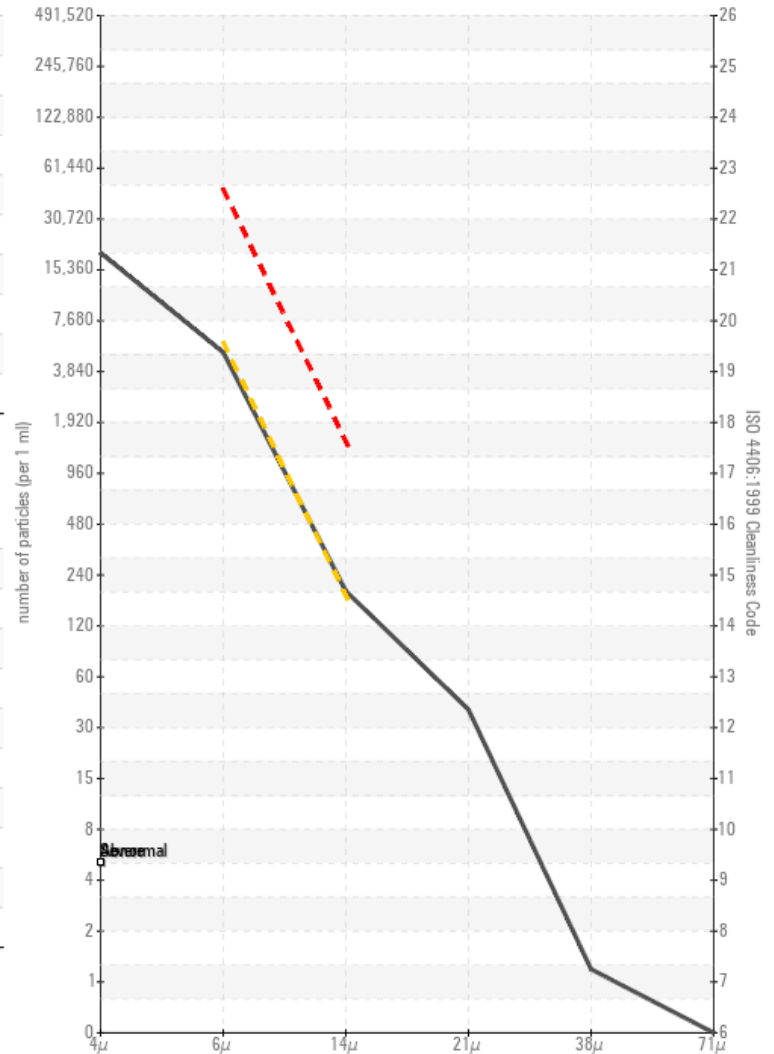
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

