



# CONSTRUCTION EQUIPMENT

702776 ANSBRO VOLVO EC300EL 317276 - HYDRAULIC SYSTEM



**Sample No:** VCP444356  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:** 702776 ANSBRO



## SAMPLE INFORMATION

Sample Number	VCP444356	---	---	---
Sample Date	25 Apr 2024	---	---	---
Machine Hours	1109	---	---	---
Oil Hours	1109	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ATTENTION	---	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	█ 42.2	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.45	---	---	---



## CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		● 7494	---	---	---
Particles >6µm		█ 530	---	---	---
Particles >14µm		█ 18	---	---	---
ISO 4406:1999 (c)		20/16/11	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---

## Diagnosis

The filter change at the time of sampling has been noted. 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	█ 2	---	---	---
Copper	ppm	█ 31	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 82	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 553	---	---	---
Phosphorus	ppm	█ 419	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

**Depot:** VOLVO0093  
**Unique No:** 11047133  
**Signed:** Wes Davis  
**Report Date:** 28 May 2024

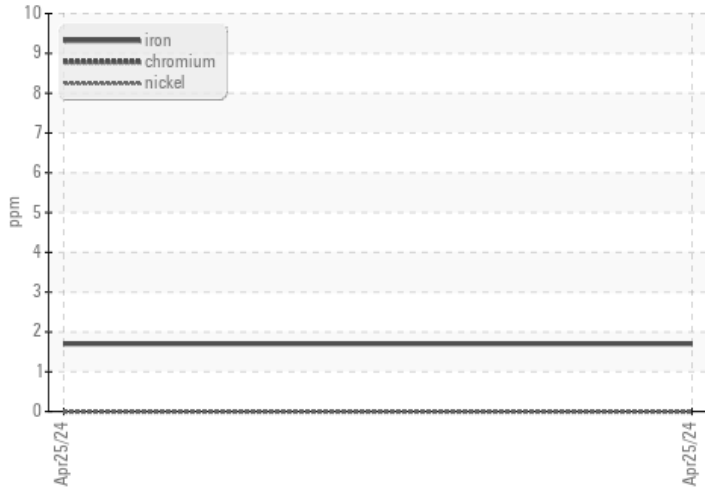


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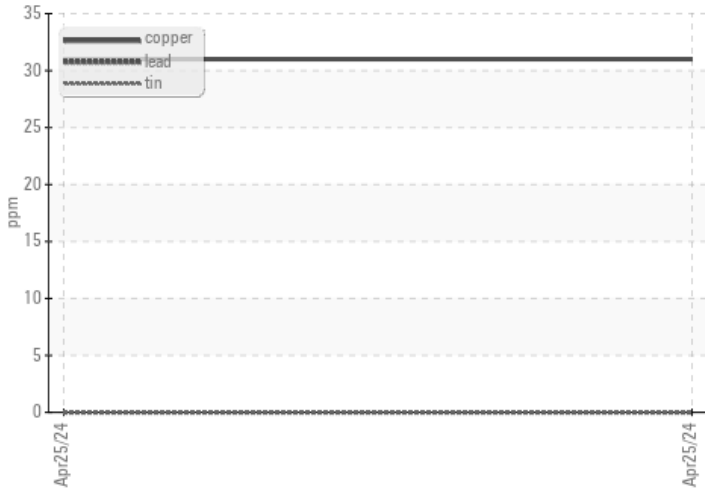


## GRAPHS

### Ferrous Alloys



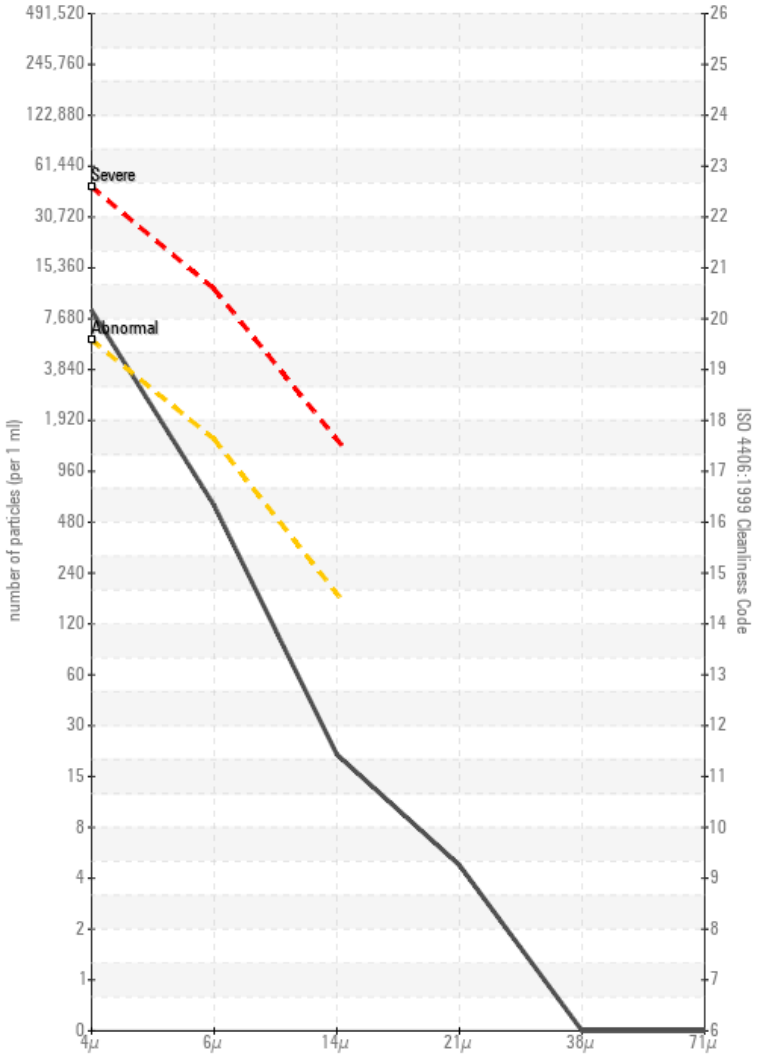
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

