



# CONSTRUCTION EQUIPMENT

717447 RENTALS VOLVO EC350E 314596 - HYDRAULIC SYSTEM



**Sample No:** VCP439978  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:** 717447 RENTALS



## SAMPLE INFORMATION

Sample Number	VCP439978	---	---	---
Sample Date	03 Jun 2024	---	---	---
Machine Hours	619	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

**ALTA EQUIPMENT COMPANY**  
5210 REESE ROAD  
DAVIE, FL  
US 33314  
Contact: N. FACEY  
nfacey@altaequipfl.com  
T: (954)581-4744  
F: (954)583-0318



## OIL CONDITION

Visc @ 40°C	cSt	█ 41.9	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.44	---	---	---



## CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 13547	---	---	---
Particles >6µm		█ 1708	---	---	---
Particles >14µm		█ 51	---	---	---
ISO 4406:1999 (c)		21/18/13	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 0	---	---	---

## Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



## WEAR METALS

Iron	ppm	█ 3	---	---	---
Copper	ppm	█ 24	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
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	█ 87	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 546	---	---	---
Phosphorus	ppm	█ 403	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 0	---	---	---

**Depot:** VOLVO0095  
**Unique No:** 11070537  
**Signed:** Jonathan Hester  
**Report Date:** 18 Jun 2024

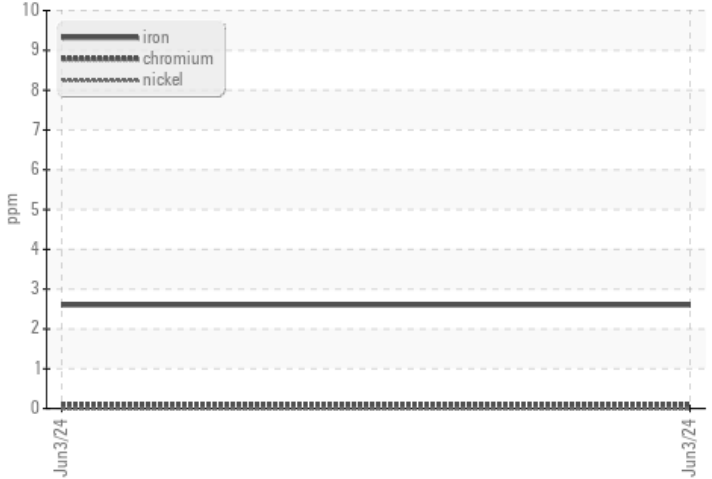


# CONSTRUCTION EQUIPMENT

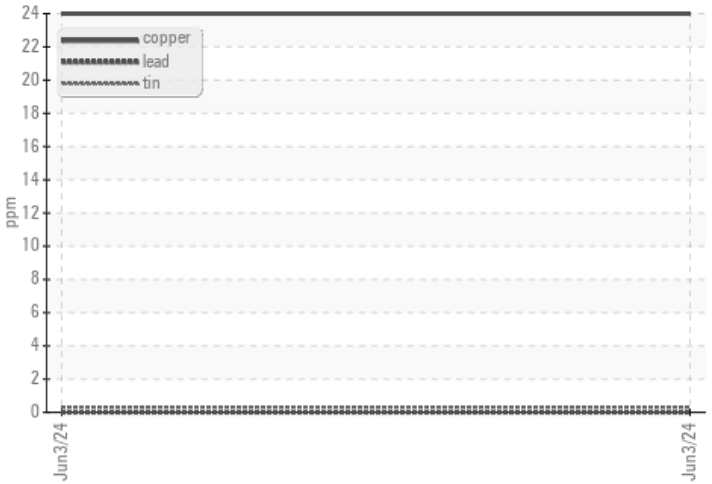


## VOLVO GRAPHS

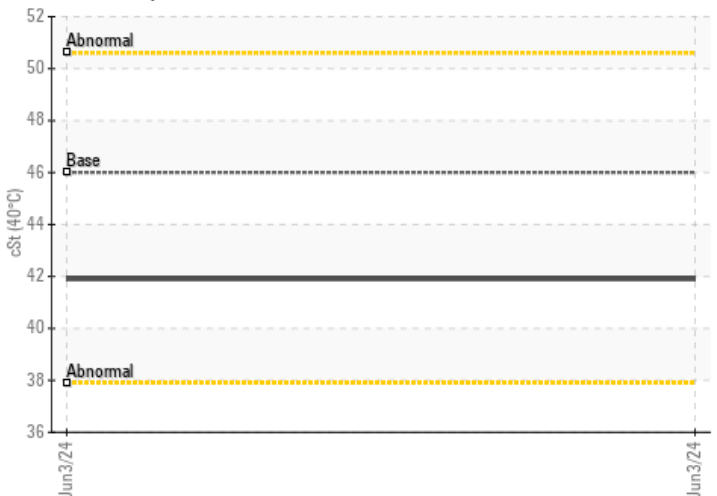
### Ferrous Alloys



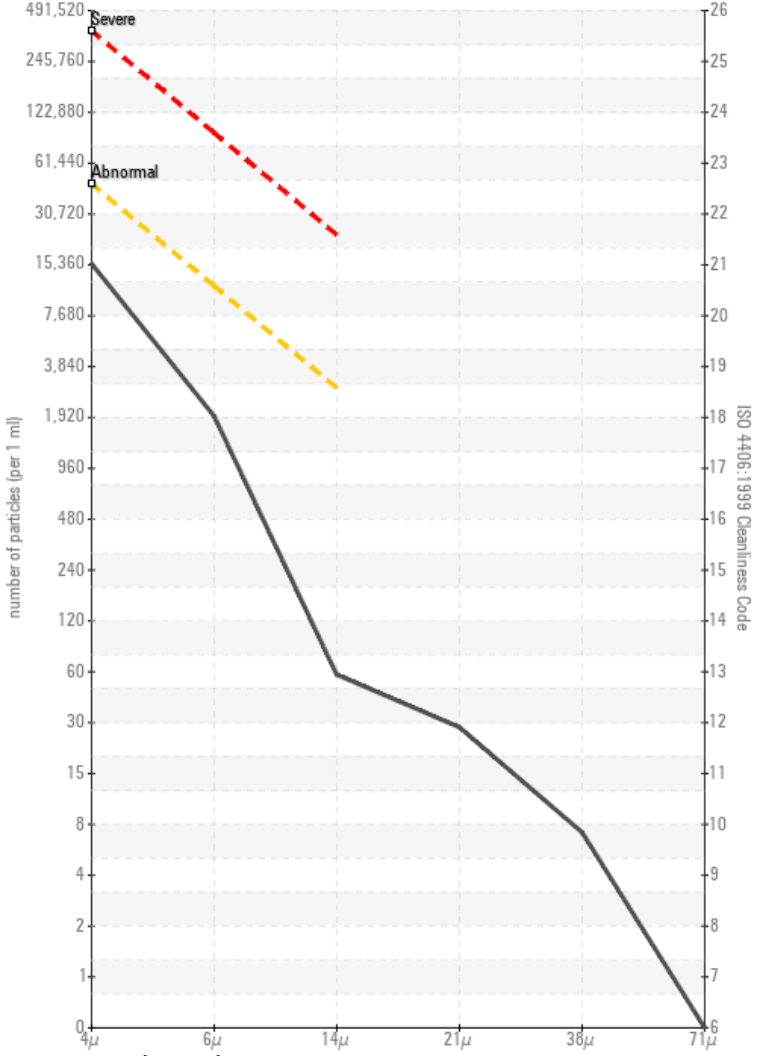
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

