



# CONSTRUCTION EQUIPMENT

702724 HERC VOLVO EC200 314670 - HYDRAULIC SYSTEM



**Sample No:** VCP06161381  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:** 702724 HERC



## SAMPLE INFORMATION

Sample Number	VCP06161381	---	---	---
Sample Date	21 Apr 2024	---	---	---
Machine Hours	746	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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

Visc @ 40°C	cSt	█ 44.4	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.43	---	---	---



## CONTAMINATION

Water	%	▲ 0.341	---	---	---
Particles >4µm		█ 418	---	---	---
Particles >6µm		█ 227	---	---	---
Particles >14µm		█ 39	---	---	---
ISO 4406:1999 (c)		16/15/12	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---

## Diagnosis

We advise that you check for the source of water entry. We recommend you service the filters on this component. Resample at the next service interval to monitor. All component wear rates are normal. Appearance is hazy. There is a moderate concentration of water present in the oil. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid.



## WEAR METALS

Iron	ppm	█ 3	---	---	---
Copper	ppm	█ 26	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---



## ADDITIVES

Calcium	ppm	█ 134	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 337	---	---	---
Phosphorus	ppm	█ 421	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ <1	---	---	---

**Depot:** VOLVO0096  
**Unique No:** 10996804  
**Signed:** Jonathan Hester  
**Report Date:** 02 May 2024

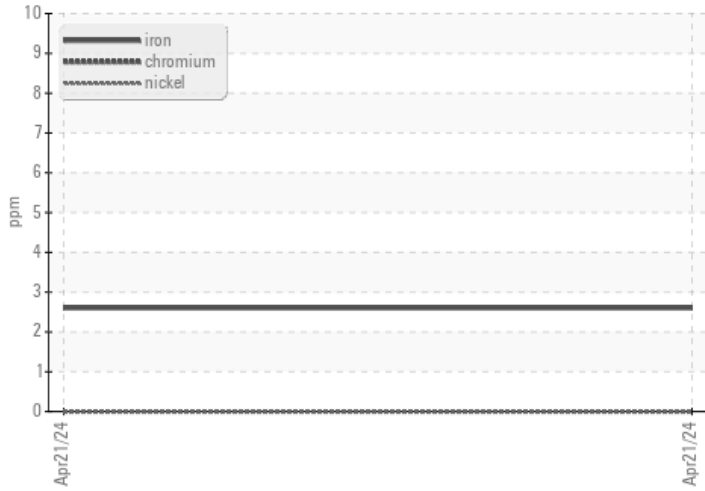


# CONSTRUCTION EQUIPMENT

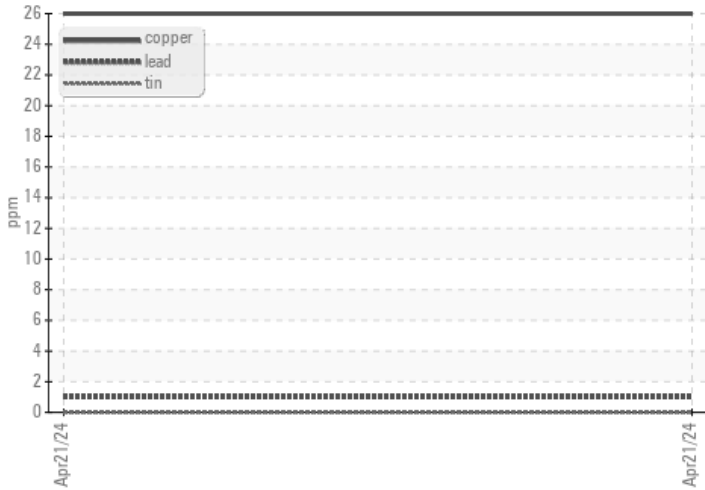


## GRAPHS

### Ferrous Alloys



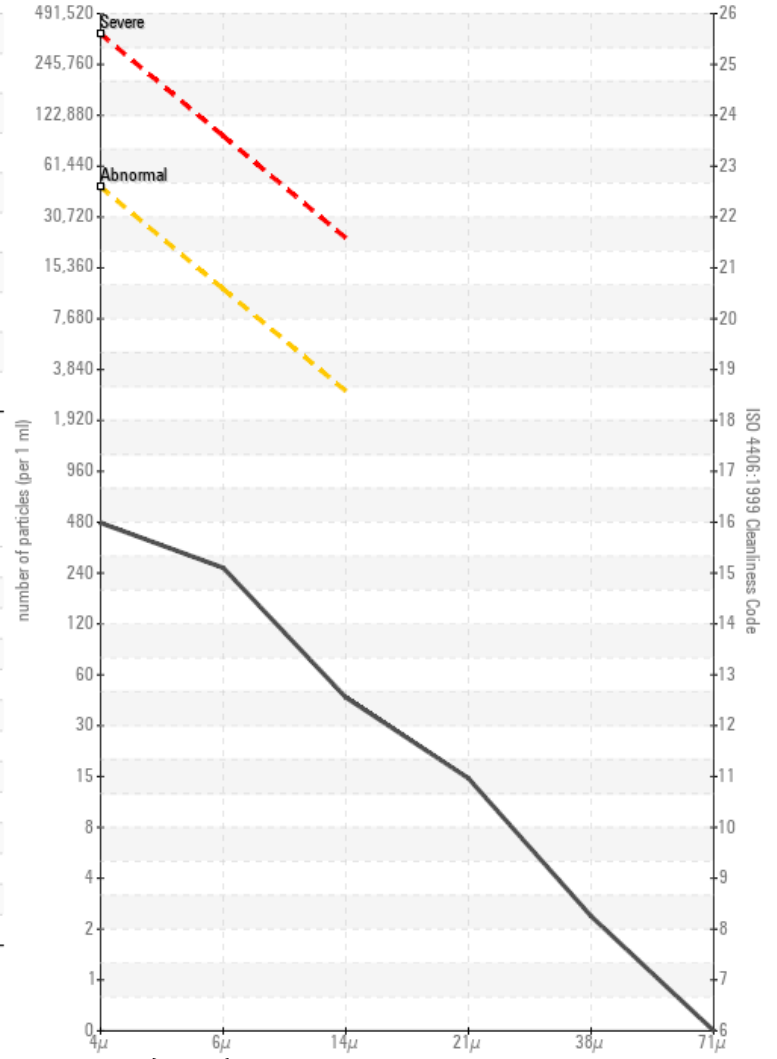
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

