



# CONSTRUCTION EQUIPMENT

702807 RENTALS VOLVO SD115 236814 - HYDRAULIC SYSTEM



**Sample No:** VCP449791  
**Oil Type:** AW HYDRAULIC OIL ISO 46  
**Job No:** 702807 RENTALS



## SAMPLE INFORMATION

Sample Number	VCP449791	---	---	---
Sample Date	23 Apr 2024	---	---	---
Machine Hours	1960	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---

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

Visc @ 40°C	cSt	■ 39.5	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.35	---	---	---



## CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		● 6101	---	---	---
Particles >6µm		● 1921	---	---	---
Particles >14µm		● 201	---	---	---
ISO 4406:1999 (c)		20/18/15	---	---	---
Silicon	ppm	■ 7	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 0	---	---	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate amount of particulates 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	■ 13	---	---	---
Copper	ppm	■ 11	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 3	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	■ 150	---	---	---
Magnesium	ppm	■ 13	---	---	---
Zinc	ppm	■ 313	---	---	---
Phosphorus	ppm	■ 330	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 3	---	---	---

**Depot:** VOLVO0096  
**Unique No:** 10996798  
**Signed:** Don Baldrige  
**Report Date:** 30 Apr 2024

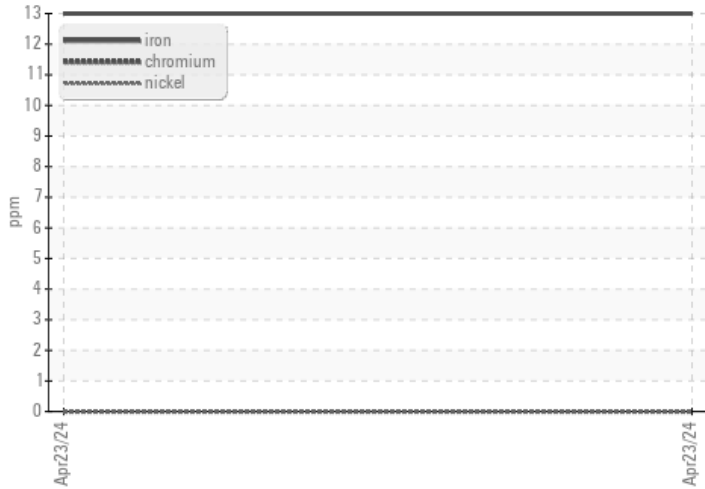


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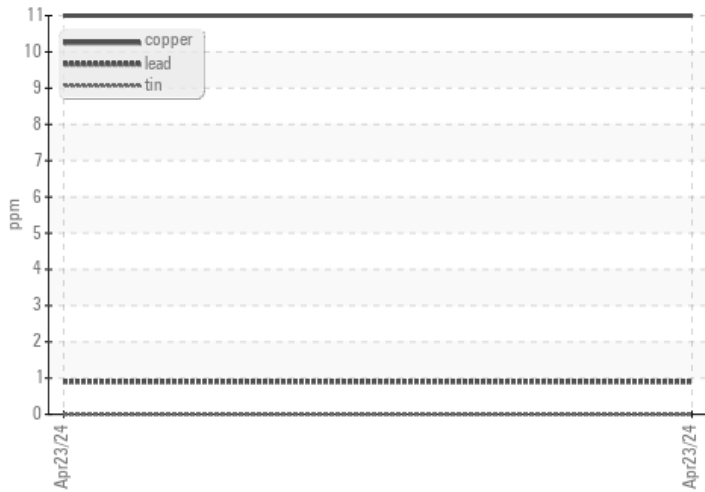


## GRAPHS

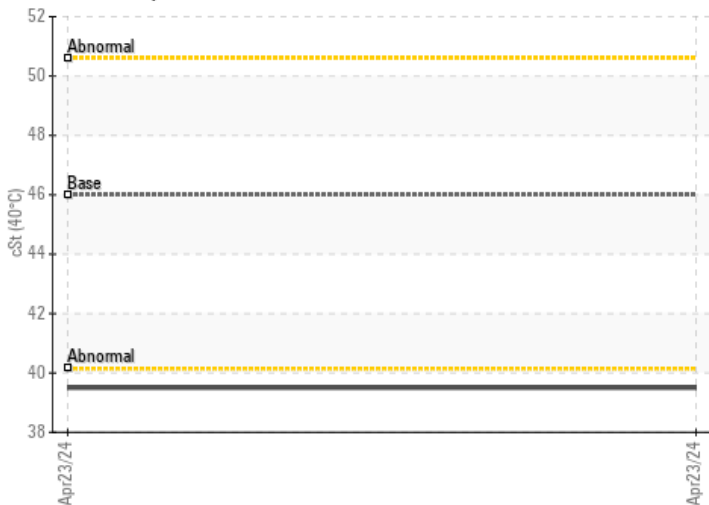
### Ferrous Alloys



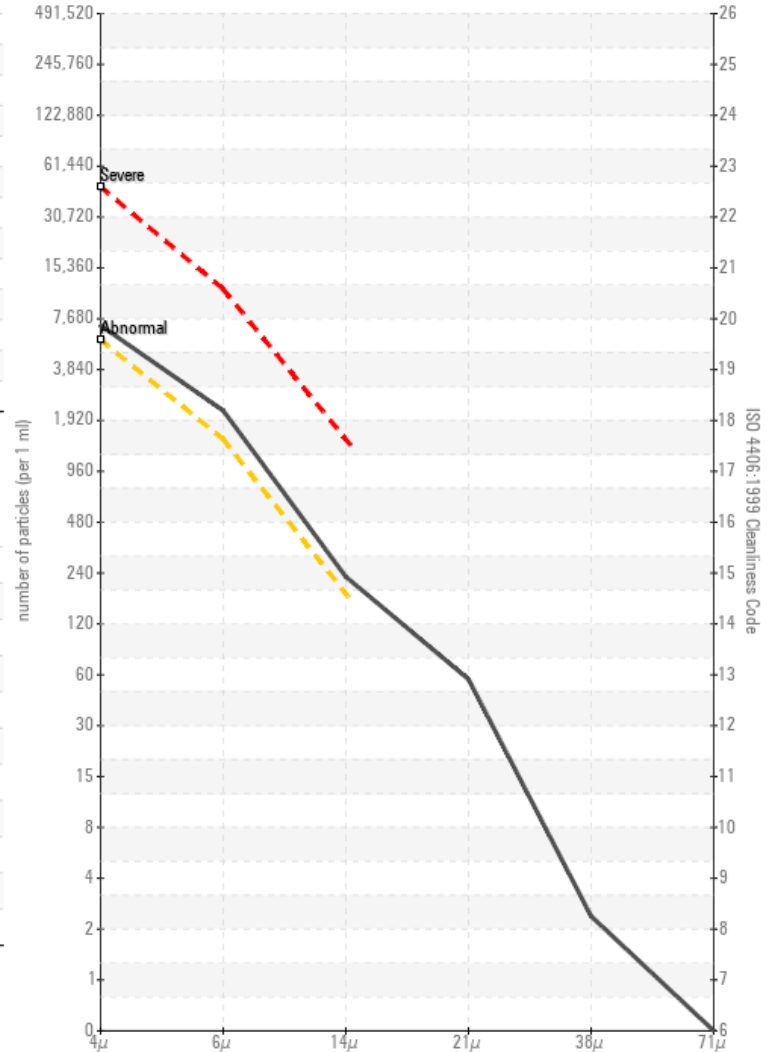
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

