



# CONSTRUCTION EQUIPMENT

714276 RENTALS VOLVO L90 627190 - HYDRAULIC SYSTEM



**Sample No:** VCP451325  
**Oil Type:** AW HYDRAULIC OIL ISO 46  
**Job No:** 714276 RENTALS



## SAMPLE INFORMATION

Sample Number	VCP451325	---	---	---
Sample Date	01 May 2024	---	---	---
Machine Hours	575	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---

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

Visc @ 40°C	cSt	█ 42.1	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.52	---	---	---



## CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		█ 4504	---	---	---
Particles >6µm		● 1478	---	---	---
Particles >14µm		█ 134	---	---	---
ISO 4406:1999 (c)		19/18/14	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 0	---	---	---

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



## ADDITIVES

Calcium	ppm	█ 126	---	---	---
Magnesium	ppm	█ 11	---	---	---
Zinc	ppm	█ 412	---	---	---
Phosphorus	ppm	█ 333	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 0	---	---	---

**Depot:** VOLVO0096  
**Unique No:** 11018652  
**Signed:** Wes Davis  
**Report Date:** 09 May 2024

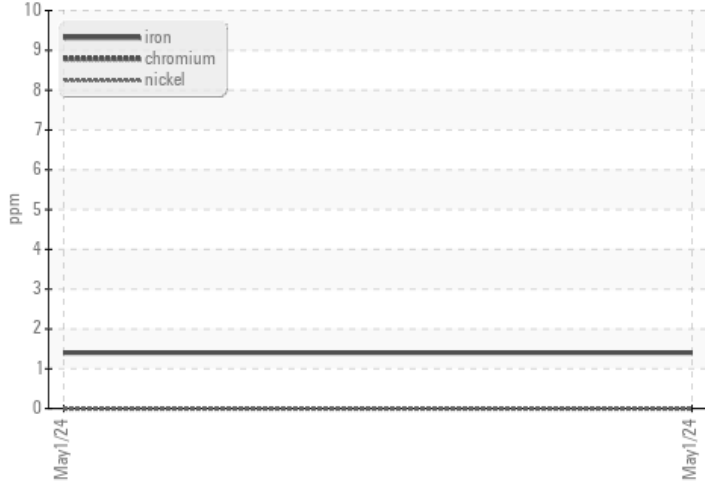


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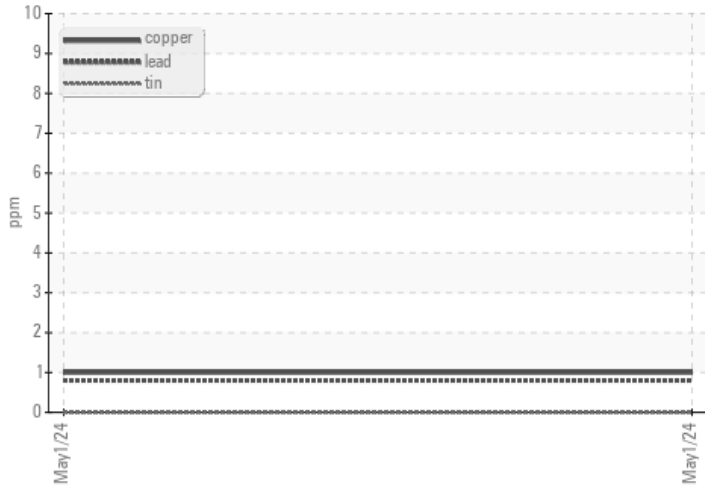


## GRAPHS

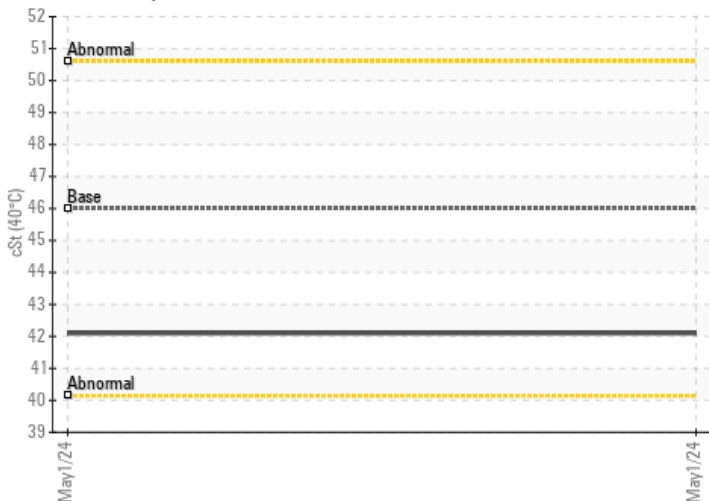
### Ferrous Alloys



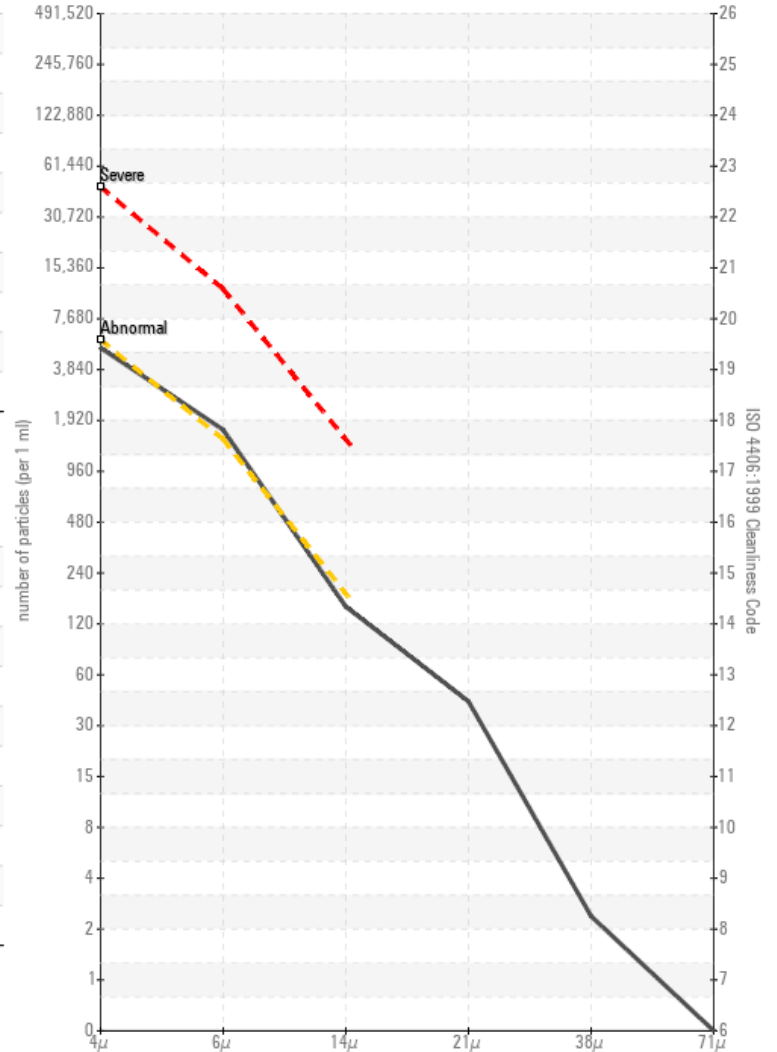
### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count



### Acid Number

