



# CONSTRUCTION EQUIPMENT

635051 US TENT RENT VOLVO M75SI 886191818 - HYDRAULIC SYSTEM



**Sample No:** VCP432022  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:** 635051 US TENT RENT



## SAMPLE INFORMATION

Sample Number	VCP432022	---	---	---
Sample Date	06 Dec 2023	---	---	---
Machine Hours	2490	---	---	---
Oil Hours	400	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 46.6	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.33	---	---	---



## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 3	---	---	---



## WEAR METALS

Iron	ppm	█ 8	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 4	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 178	---	---	---
Magnesium	ppm	29	---	---	---
Zinc	ppm	█ 436	---	---	---
Phosphorus	ppm	█ 358	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 8	---	---	---

## Diagnosis

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

**Depot:** VOLVO0093  
**Unique No:** 10846185  
**Signed:** Doug Bogart  
**Report Date:** 26 Jan 2024

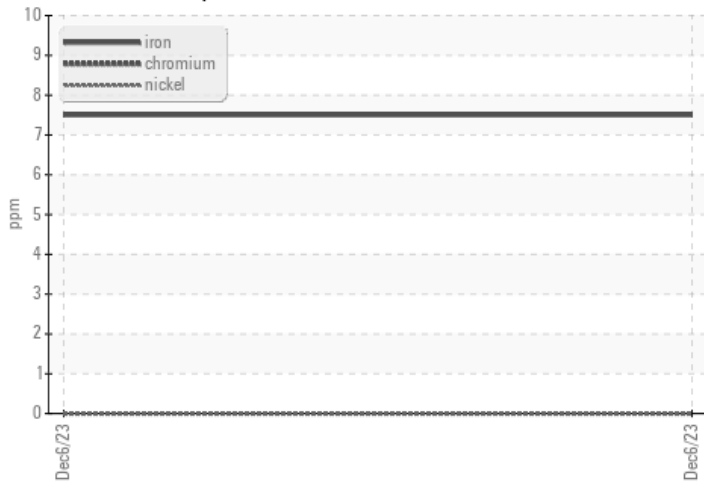


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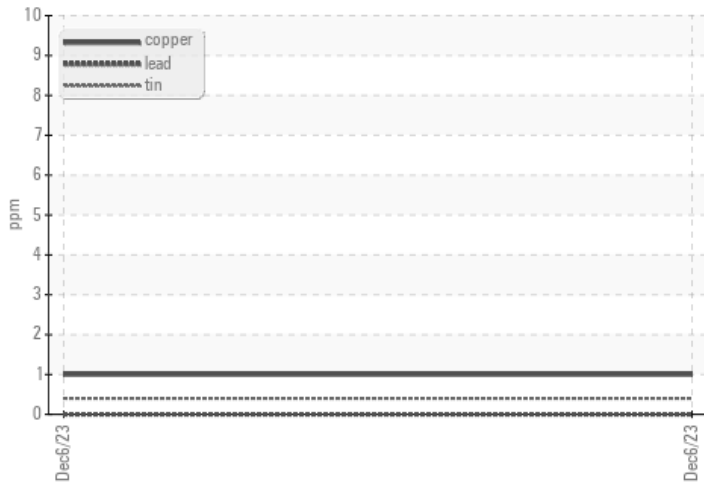


## GRAPHS

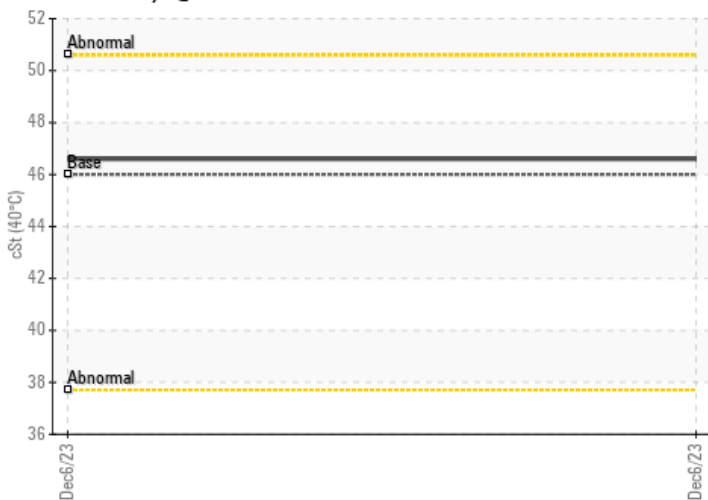
### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C



### Acid Number

