



# CONSTRUCTION EQUIPMENT

SWA449827 THREE LAKE VOLVO EC550 310248 - HYDRAULIC SYSTEM



**Sample No:** VCP438138  
**Oil Type:** {unknown}  
**Job No:** SWA449827 THREE LAKE



## SAMPLE INFORMATION

Sample Number	VCP438138	---	---	---
Sample Date	04 Jan 2024	---	---	---
Machine Hours	708	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

### ALTA EQUIPMENT COMPANY

5210 REESE ROAD  
DAVIE, FL  
US 33314

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## OIL CONDITION

Visc @ 40°C	cSt	█ 41.5	---	---	---
Acid Number (AN)	mg KOH/g	█ 0.46	---	---	---



## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---



## WEAR METALS

Iron	ppm	█ 3	---	---	---
Copper	ppm	█ 12	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	101	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	551	---	---	---
Phosphorus	ppm	453	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

## Diagnosis

No corrective action is recommended at this time. The 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. High concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO0095  
**Unique No:** 10829417  
**Signed:** Don Baldrige  
**Report Date:** 12 Jan 2024

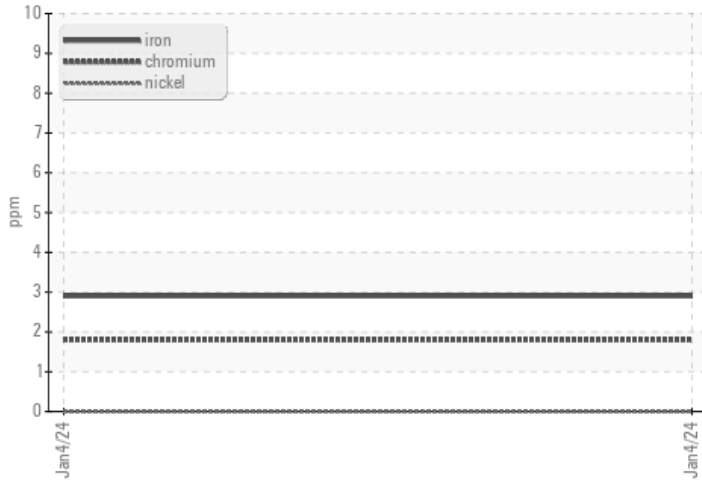


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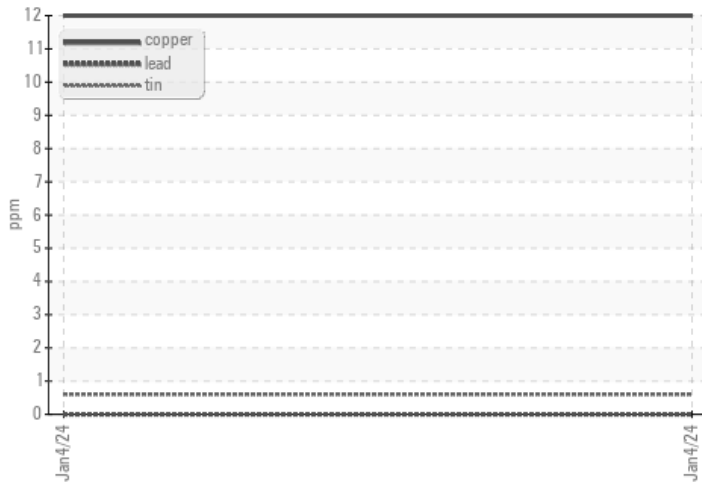


## GRAPHS

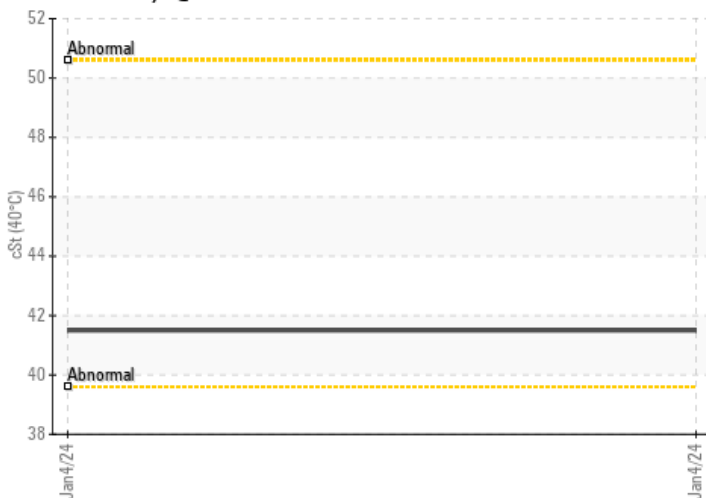
### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C



### Acid Number

