



# CONSTRUCTION EQUIPMENT

## VOLVO L60H 621313 - HYDRAULIC SYSTEM



**Sample No:** VCP438433  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP438433	---	---	---
Sample Date	23 Feb 2024	---	---	---
Machine Hours	10386	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

**ALTA EQUIPMENT COMPANY**  
 5151 DR MARTIN LUTHER KING BLVD  
 FORT MYERS, FL  
 US 33905  
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 F: (239)481-3302



### OIL CONDITION

Visc @ 40°C	cSt	▲ 58.1	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.53	---	---	---



### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 0	---	---	---



### WEAR METALS

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



### ADDITIVES

Calcium	ppm	■ 107	---	---	---
Magnesium	ppm	■ 19	---	---	---
Zinc	ppm	■ 405	---	---	---
Phosphorus	ppm	■ 305	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 0	---	---	---

### Diagnosis

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 oil viscosity is higher than normal. The AN level is acceptable for this fluid.

**Depot:** VOLVO0090  
**Unique No:** 10899778  
**Signed:** Jonathan Hester  
**Report Date:** 04 Mar 2024



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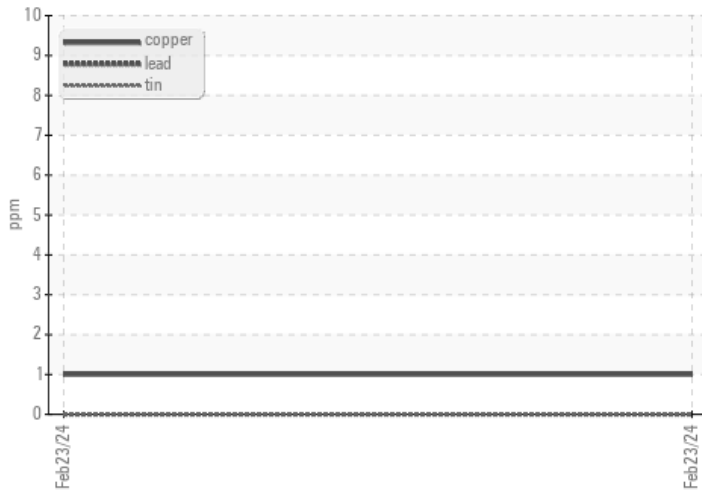


## GRAPHS

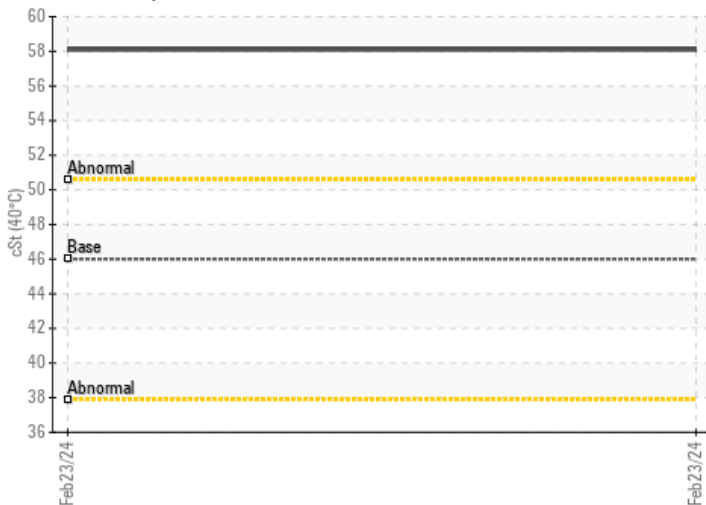
### Ferrous Alloys



### Non-ferrous Metals



### ▲ Viscosity @ 40°C



### Acid Number

