



# CONSTRUCTION EQUIPMENT

## 261456 VOLVO EC300E 3 10940 - HYDRAULIC SYSTEM



**Sample No:** VCP273589  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:** 261456



### SAMPLE INFORMATION

Sample Number	VCP273589	---	---	---
Sample Date	23 Oct 2020	---	---	---
Machine Hours	4987	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

### STRONGCO EQUIPMENT INC (STE- FOY)

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### OIL CONDITION

Visc @ 40°C	cSt	█ 46.0	---	---	---
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### CONTAMINATION

Particles >4µm		█ 3714	---	---	---
Particles >6µm		█ 795	---	---	---
Particles >14µm		█ 84	---	---	---
ISO 4406:1999 (c)		19/17/14	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ <1	---	---	---

### Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable. Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. L'état de l'huile est acceptable pour la durée de service.



### WEAR METALS

Iron	ppm	█ 7	---	---	---
Copper	ppm	█ 9	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 6	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	█ 17	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	41	---	---	---
Phosphorus	ppm	1333	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 2	---	---	---

**Depot:** VOLVO0228  
**Unique No:** 5123372  
**Signed:** Wes Davis  
**Report Date:** 28 Oct 2020

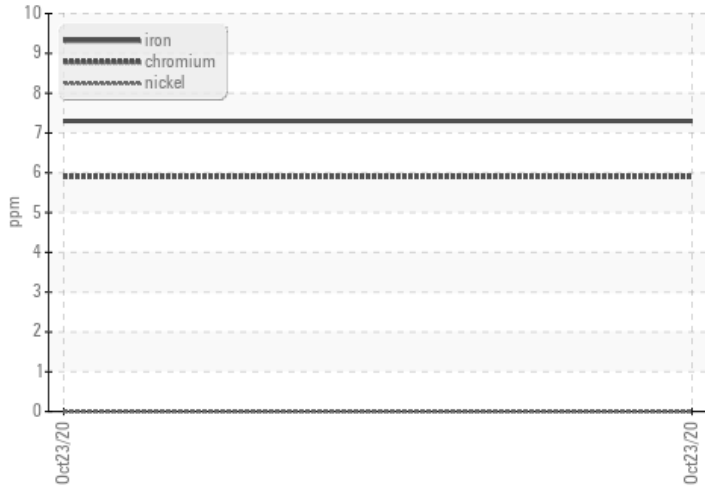


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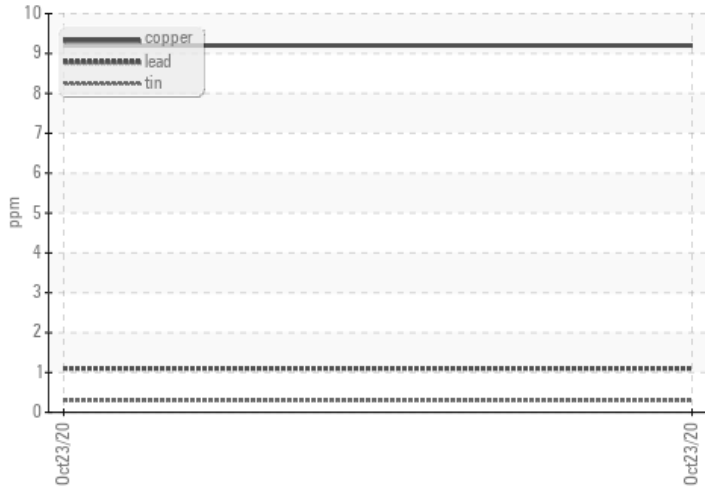


## GRAPHS

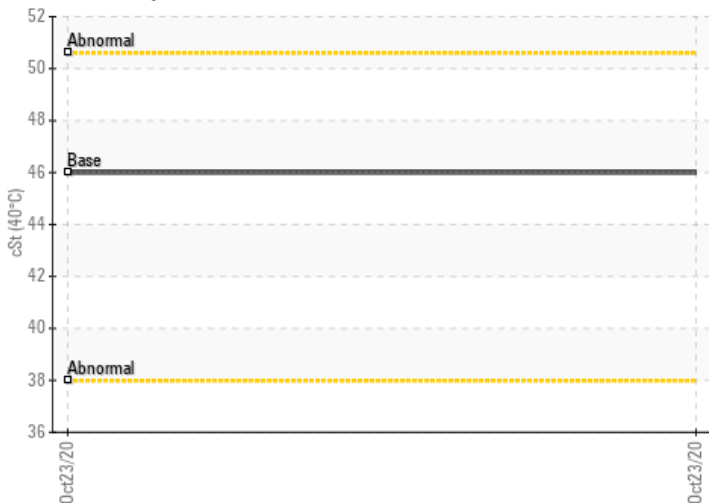
### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count

