



# CONSTRUCTION EQUIPMENT

## 296467 VOLVO L110H 631476 - HYDRAULIC SYSTEM



**Sample No:** VCP298119  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:** 296467



### SAMPLE INFORMATION

Sample Number	VCP298119	---	---	---
Sample Date	09 Sep 2021	---	---	---
Machine Hours	8150	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### STRONGCO EQUIPMENT

5200 BOUL ST JOSEPH  
 TROIS RIVIERE, QC  
 CA G8Z 4L8  
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 T: (855)840-0828  
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### OIL CONDITION

Visc @ 40°C	cSt	█ 42.2	---	---	---
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### CONTAMINATION

Particles >4µm		█ 683	---	---	---
Particles >6µm		█ 97	---	---	---
Particles >14µm		█ 12	---	---	---
ISO 4406:1999 (c)		█ 17/14/11	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 7	---	---	---
Potassium	ppm	█ 3	---	---	---

### Diagnosis

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. L'état de l'huile est acceptable pour la durée de service.



### WEAR METALS

Iron	ppm	█ 5	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 15	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---



### ADDITIVES

Calcium	ppm	█ 152	---	---	---
Magnesium	ppm	█ 48	---	---	---
Zinc	ppm	█ 448	---	---	---
Phosphorus	ppm	█ 380	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 18	---	---	---

**Depot:** STR520TRO  
**Unique No:** 5279572  
**Signed:** Wes Davis  
**Report Date:** 15 Sep 2021

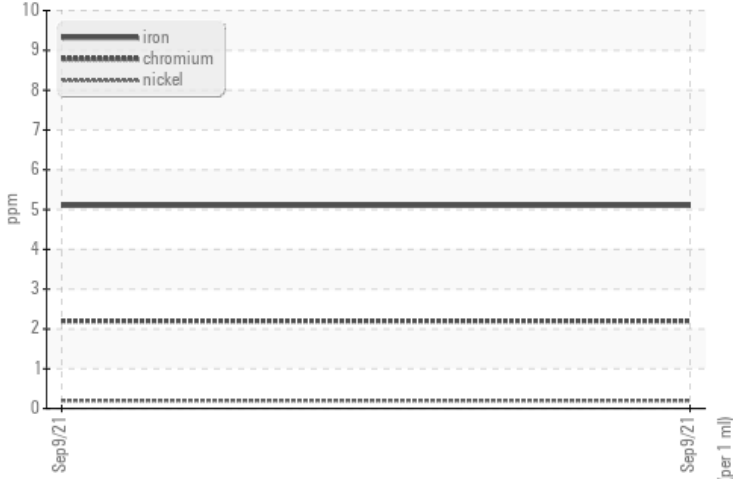


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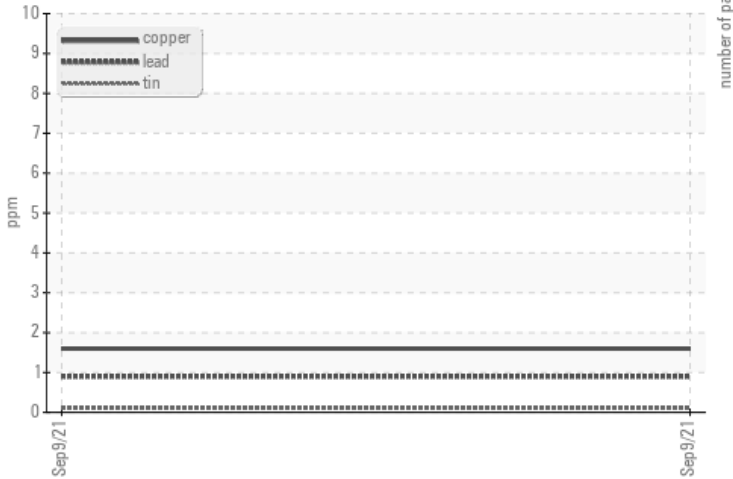


## GRAPHS

### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count

