



# CONSTRUCTION EQUIPMENT

## 374208 VOLVO L110H 631836 - HYDRAULIC SYSTEM



**Sample No:** VCP392165  
**Oil Type:** AW HYDRAULIC OIL ISO 46  
**Job No:** 374208



### SAMPLE INFORMATION

Sample Number	VCP392165	---	---	---
Sample Date	03 Aug 2023	---	---	---
Machine Hours	12549	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	NORMAL	---	---	---

### STRONGCO INC

1575 RUE BERSIMIS  
 CHICOUTIMI, QC  
 CA G7K 1G9  
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### OIL CONDITION

Visc @ 40°C	cSt	█ 42.9	---	---	---
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### CONTAMINATION

Particles >4µm		█ 4789	---	---	---
Particles >6µm		█ 268	---	---	---
Particles >14µm		█ 7	---	---	---
ISO 4406:1999 (c)		█ 19/15/10	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ <1	---	---	---

### Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indiqua que ce fluide est du (GENERIC) AW HYDRAULIC OIL ISO 46. Veuillez confirmer. 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	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---



### ADDITIVES

Calcium	ppm	█ 130	---	---	---
Magnesium	ppm	█ 15	---	---	---
Zinc	ppm	█ 429	---	---	---
Phosphorus	ppm	█ 381	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 6	---	---	---

**Depot:** VOLVO0230  
**Unique No:** 5619928  
**Signed:** Wes Davis  
**Report Date:** 10 Aug 2023

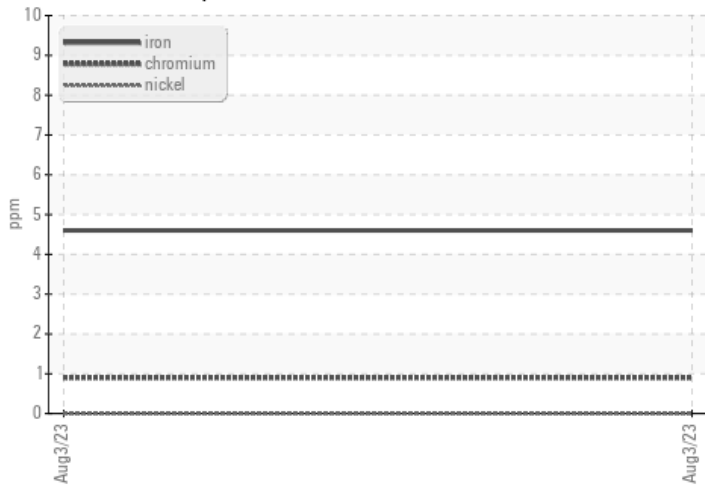


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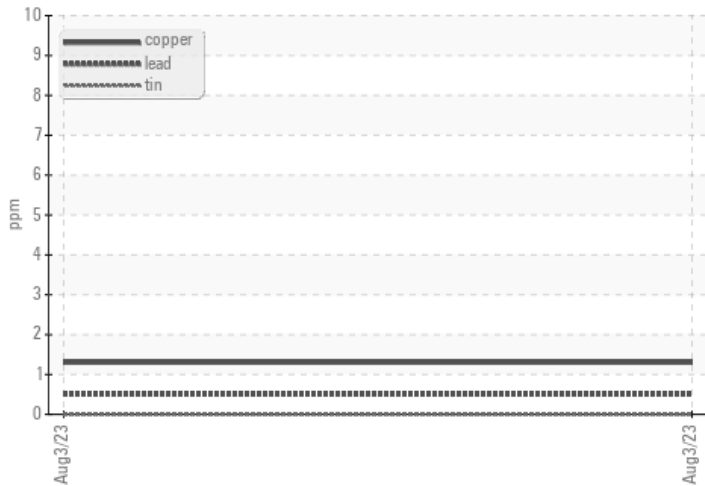


## VOLVO GRAPHS

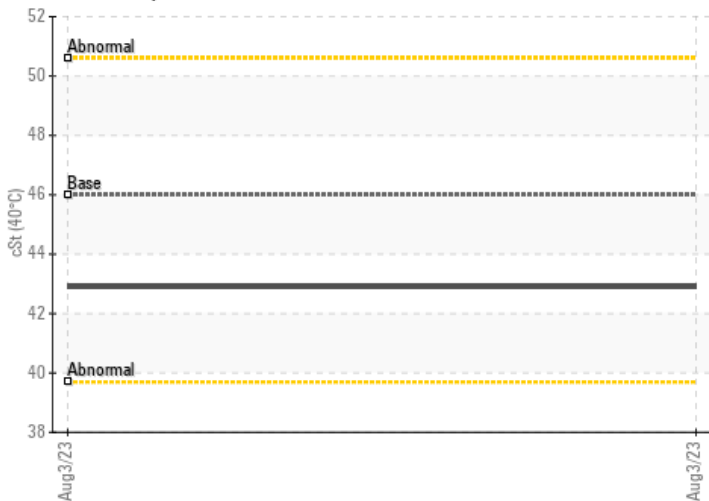
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

