



# CONSTRUCTION EQUIPMENT

## 238576 VOLVO A40G 340219 - HYDRAULIC SYSTEM



**Sample No:** VCP263024  
**Oil Type:** AW HYDRAULIC OIL ISO 46  
**Job No:** 238576



### SAMPLE INFORMATION

Sample Number	VCP263024	---	---	---
Sample Date	27 Mar 2020	---	---	---
Machine Hours	7370	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	NORMAL	---	---	---

### STRONGCO EQUIPMENT INC (STE- FOY)

175, rue de Rotterdam  
 St-Augustin-de-Desmaures, QC  
 CA G3A 2K2  
 Contact: Michel Lepage  
 mlepage@strongco.com  
 T: (418)870-1700  
 F: (418)870-1701



### OIL CONDITION

Visc @ 40°C	cSt	█ 43.9	---	---	---
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### CONTAMINATION

Particles >4µm		█ 3237	---	---	---
Particles >6µm		█ 761	---	---	---
Particles >14µm		█ 37	---	---	---
ISO 4406:1999 (c)		█ 19/17/12	---	---	---
Silicon	ppm	█ 10	---	---	---
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 indique 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	█ 7	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	█ 211	---	---	---
Magnesium	ppm	█ 4	---	---	---
Zinc	ppm	█ 466	---	---	---
Phosphorus	ppm	█ 375	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 2	---	---	---

**Depot:** VOLV00228  
**Unique No:** 5030651  
**Signed:** Wes Davis  
**Report Date:** 02 Apr 2020

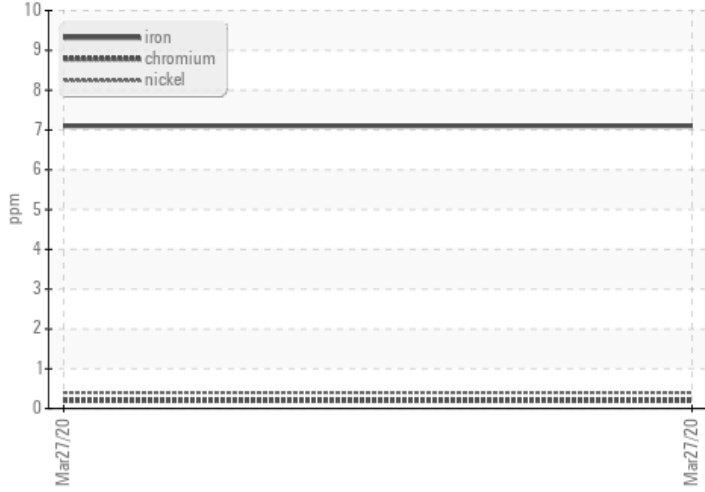


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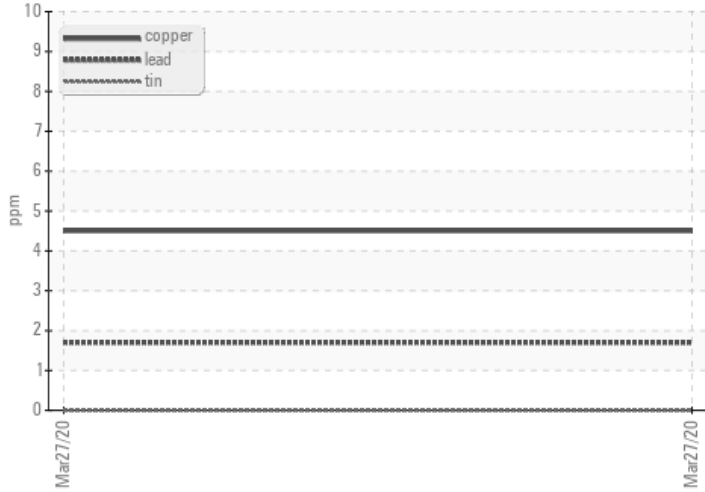


## GRAPHS

### Ferrous Alloys



### Non-ferrous Metals



### Viscosity @ 40°C



### Particle Count

