



# CONSTRUCTION EQUIPMENT

RSM 376666 VOLVO A30G 752843 - DIESEL ENGINE



**Sample No:** VCP394668  
**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3  
**Job No:** 376666



## SAMPLE INFORMATION

Sample Number	VCP394668	---	---	---
Sample Date	01 Sep 2023	---	---	---
Machine Hours	1086	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### STRONGCO INC

1575 RUE BERSIMIS  
 CHICOUTIMI, QC  
 CA G7K 1G9  
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 T: (418)690-1724  
 F: (418)690-5002



## OIL CONDITION

Visc @ 100°C	cSt	█ 12.3	---	---	---
Oxidation (PA)	%	█ 83	---	---	---



## CONTAMINATION

Soot %	%	█ 0.4	---	---	---
Nitration (PA)	%	█ 74	---	---	---
Sulfation (PA)	%	█ 69	---	---	---
Glycol	%	█ 0.0	---	---	---
Fuel	%	█ 0.9	---	---	---
Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ <1	---	---	---

### Diagnosis

Aucune mesure corrective n'est recommandée pour l'instant. 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 teneur en carburant est négligeable. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.



## WEAR METALS

Iron	ppm	█ 20	---	---	---
Copper	ppm	█ 174	---	---	---
Lead	ppm	█ 5	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 46	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 1760	---	---	---
Magnesium	ppm	█ 438	---	---	---
Zinc	ppm	█ 1097	---	---	---
Phosphorus	ppm	█ 964	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 24	---	---	---

**Depot:** VOLVO0230  
**Unique No:** 5633705  
**Signed:** Wes Davis  
**Report Date:** 07 Sep 2023



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## GRAPHS

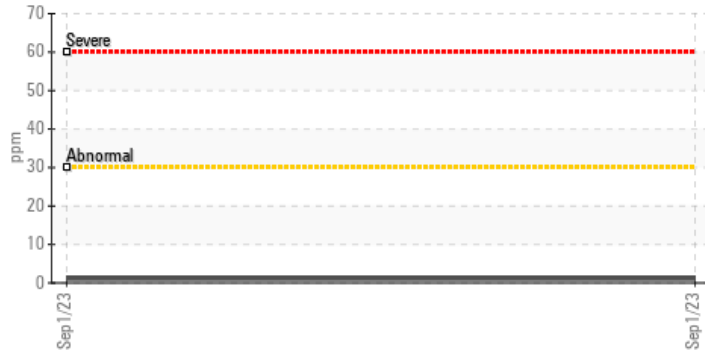
### Iron (ppm)



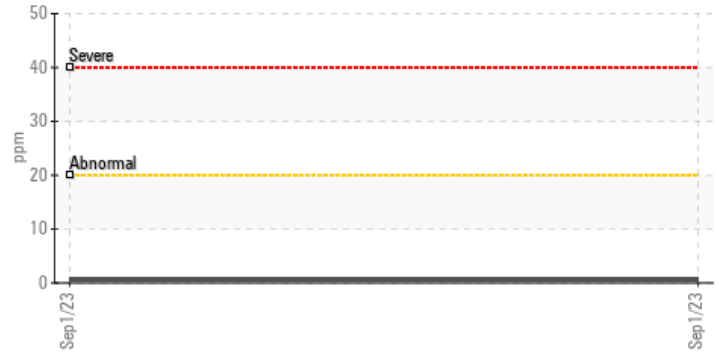
### Lead (ppm)



### Aluminum (ppm)



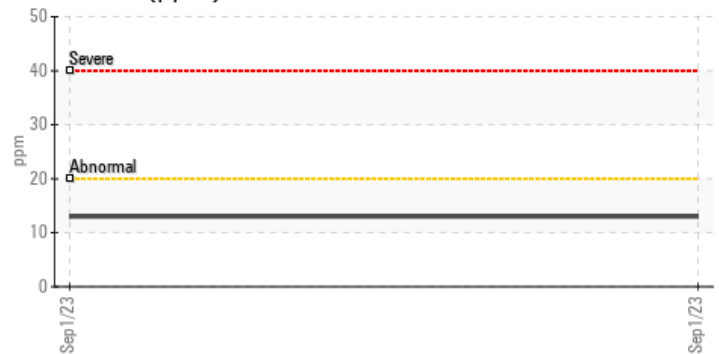
### Chromium (ppm)



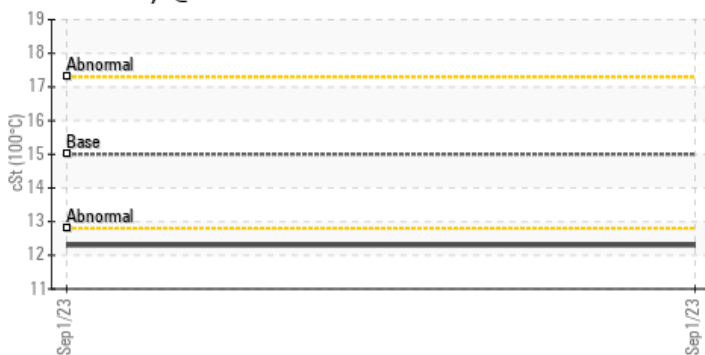
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 100°C



### Soot %

