



# CONSTRUCTION EQUIPMENT

RSM 376663 VOLVO A30G 752844 - DIESEL ENGINE



**Sample No:** VCP147694  
**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3  
**Job No:** 376663



## SAMPLE INFORMATION

Sample Number	VCP147694	---	---	---
Sample Date	01 Sep 2023	---	---	---
Machine Hours	1043	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

### STRONGCO INC

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



## OIL CONDITION

Visc @ 100°C	cSt	█ 12.2	---	---	---
Oxidation (PA)	%	█ 78	---	---	---



## CONTAMINATION

Soot %	%	█ 0.3	---	---	---
Nitration (PA)	%	█ 70	---	---	---
Sulfation (PA)	%	█ 67	---	---	---
Glycol	%	█ 0.0	---	---	---
Fuel	%	█ 0.8	---	---	---
Silicon	ppm	█ 13	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 1	---	---	---



## 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	█ 4	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	▲ 3	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 1732	---	---	---
Magnesium	ppm	█ 438	---	---	---
Zinc	ppm	█ 1090	---	---	---
Phosphorus	ppm	█ 980	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 24	---	---	---

## Diagnosis

Nous avons pris note que la vidange d'huile a été effectuée au moment de l'échantillonnage. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. La présence d'argent est anormale. La teneur en carburant est négligeable. Il n'y a aucun indice de contamination dans l'huile. l'huile n'est plus en état de service en raison d'une usure anormale et/ou sévère.

**Depot:** VOLVO0230  
**Unique No:** 5633704  
**Signed:** Kevin Marson  
**Report Date:** 07 Sep 2023



# CONSTRUCTION EQUIPMENT

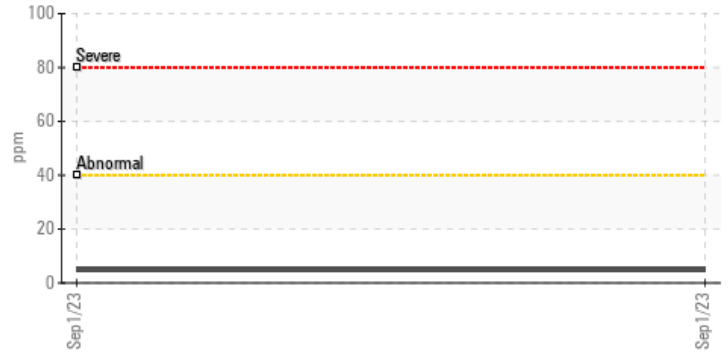


## GRAPHS

### Iron (ppm)



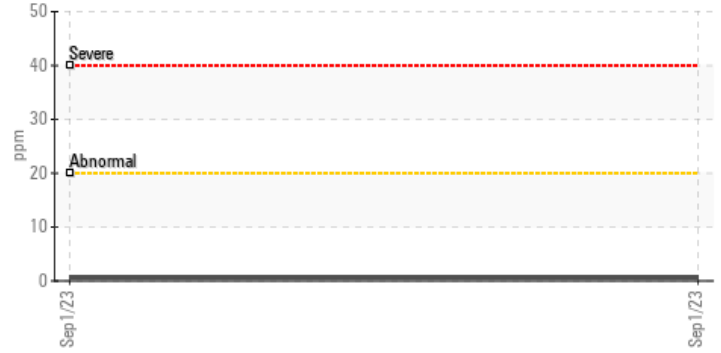
### Lead (ppm)



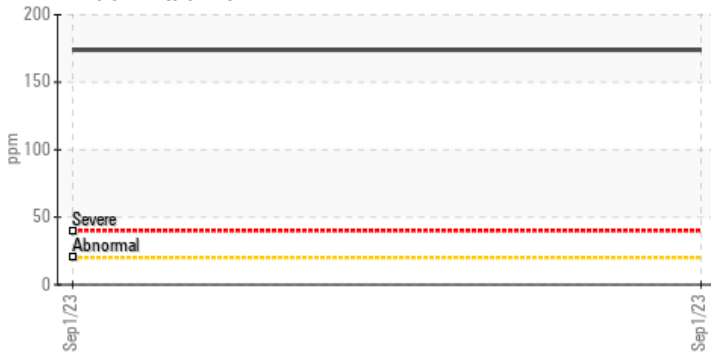
### Aluminum (ppm)



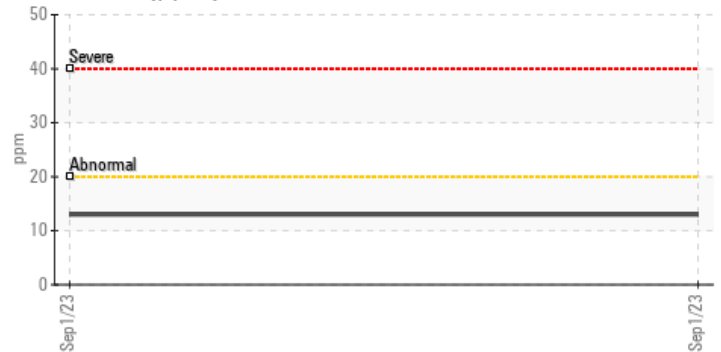
### Chromium (ppm)



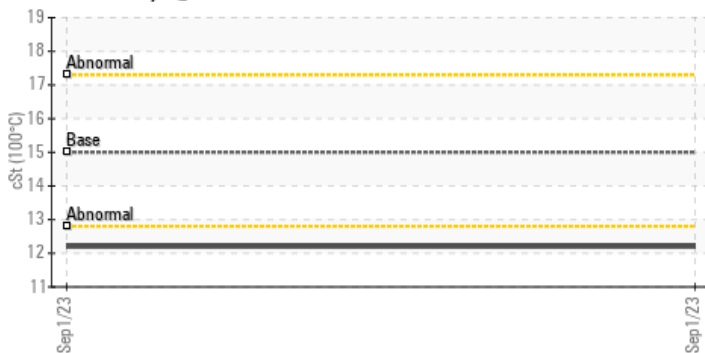
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 100°C



### Soot %

