



# CONSTRUCTION EQUIPMENT

E100310395 VOLVO E350CL VCEC350E100310395 - DIESEL ENGINE



Sample No: VCP394869

Oil Type: SAE 5W40

Job No:



## SAMPLE INFORMATION

Sample Number	VCP394869	---	---	---
Sample Date	05 Jun 2023	---	---	---
Machine Hours	6200	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### STRONGCO INC

1575 RUE BERSIMIS

CHICOUTIMI, QC

CA G7K 1G9

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## OIL CONDITION

Visc @ 100°C	cSt	█ 13.3	---	---	---
Oxidation (PA)	%	█ 39	---	---	---



## CONTAMINATION

Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 59	---	---	---
Sulfation (PA)	%	█ 47	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ <1	---	---	---

### 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. 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	█ 3	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---



## ADDITIVES

Calcium	ppm	█ 2236	---	---	---
Magnesium	ppm	█ 12	---	---	---
Zinc	ppm	█ 1011	---	---	---
Phosphorus	ppm	█ 955	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 4	---	---	---

Depot: VOLVO0230

Unique No: 5594484

Signed: Wes Davis

Report Date: 21 Jun 2023



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## GRAPHS

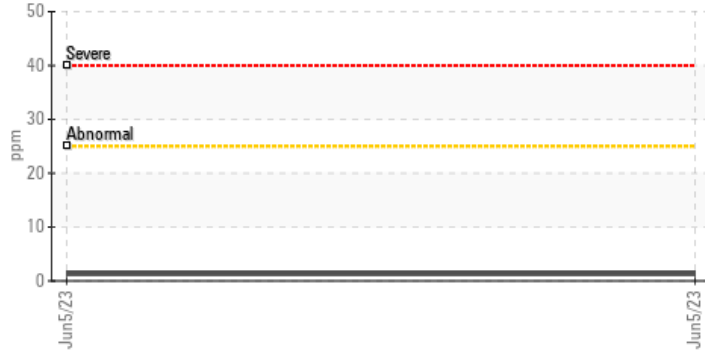
### Iron (ppm)



### Lead (ppm)



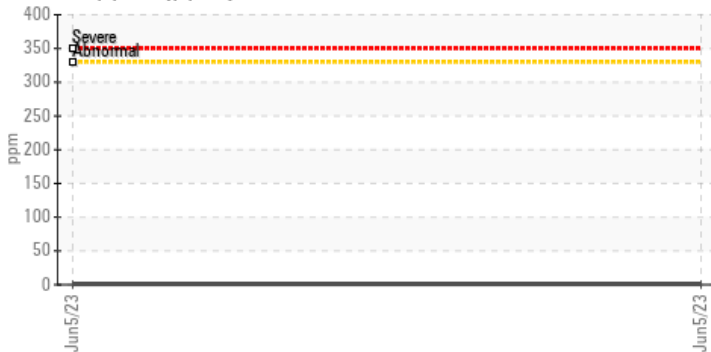
### Aluminum (ppm)



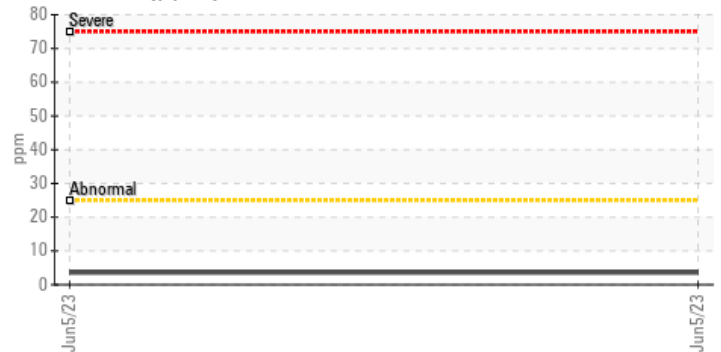
### Chromium (ppm)



### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 100°C



### Soot %

