



# CONSTRUCTION EQUIPMENT

301385 VOLVO EC200E 314222 - DIESEL ENGINE



**Sample No:** VCP298455  
**Oil Type:** VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3  
**Job No:** 301385



## SAMPLE INFORMATION

Sample Number	VCP298455	---	---	---
Sample Date	12 Oct 2021	---	---	---
Machine Hours	649	---	---	---
Oil Hours	500	---	---	---
Oil Changed	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 @ 100°C	cSt	█ 13.6	---	---	---
Oxidation (PA)	%	█ 46	---	---	---



## CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	█ 56	---	---	---
Sulfation (PA)	%	█ 55	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 24	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 4	---	---	---

### Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant. Il n'y a aucun indice de contamination dans le l'huile. L'état de l'huile est acceptable pour la durée de service.



## WEAR METALS

Iron	ppm	█ 44	---	---	---
Copper	ppm	█ 11	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 3	---	---	---
Aluminum	ppm	█ 23	---	---	---
Chromium	ppm	█ 7	---	---	---
Molybdenum	ppm	█ 8	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	█ <1	---	---	---



## ADDITIVES

Calcium	ppm	█ 2141	---	---	---
Magnesium	ppm	█ 148	---	---	---
Zinc	ppm	█ 1020	---	---	---
Phosphorus	ppm	█ 897	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 3	---	---	---

**Depot:** VOLVO0228  
**Unique No:** 5293900  
**Signed:** Wes Davis  
**Report Date:** 15 Oct 2021



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## GRAPHS

