



# CONSTRUCTION EQUIPMENT

330296 VOLVO EC250E 314186 - DIESEL ENGINE



**Sample No:** VCP333668  
**Oil Type:** DIESEL ENGINE OIL SAE 15W40  
**Job No:** 330296



## SAMPLE INFORMATION

Sample Number	VCP333668	---	---	---
Sample Date	05 Jul 2022	---	---	---
Machine Hours	1100	---	---	---
Oil Hours	500	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### Strongco Equipment

5179 Fountain St N.  
 Breslau, ON  
 CA N0B 1M0  
 Contact: Villamor Pingol  
 vpingol@strongco.com  
 T: (519)744-3518  
 F: (519)744-3284



## OIL CONDITION

Visc @ 100°C	cSt	█ 13.2	---	---	---
Oxidation (PA)	%	█ 84	---	---	---



## CONTAMINATION

Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 60	---	---	---
Sulfation (PA)	%	█ 64	---	---	---
Glycol	%	█ NEG	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 2	---	---	---

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	█ 9	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 36	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---



## ADDITIVES

Calcium	ppm	█ 1709	---	---	---
Magnesium	ppm	█ 495	---	---	---
Zinc	ppm	█ 1089	---	---	---
Phosphorus	ppm	█ 929	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 33	---	---	---

**Depot:** CASKIT  
**Unique No:** 5435439  
**Signed:** Wes Davis  
**Report Date:** 29 Jul 2022



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## GRAPHS

