



# CONSTRUCTION EQUIPMENT

## VOLVO EC250EL 314172 - REAR AXLE



**Sample No:** VCP439481

**Oil Type:** SAE 10W

**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP439481	---	---	---
Sample Date	23 Jan 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

### CITY CARTING

221 OLD GATE LN  
MILFORD, CT  
US 06460

Contact: TRAVIS BANKS  
tbanks@citycarting.net  
T: (203)223-3885  
F:



### OIL CONDITION

Visc @ 40°C	cSt	█ 143	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 1	---	---	---

### Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	█ 80	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---



### ADDITIVES

Calcium	ppm	█ 14	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 7	---	---	---
Phosphorus	ppm	█ 1932	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 225	---	---	---

**Depot:** CITMILCON  
**Unique No:** 10858211  
**Signed:** Sean Felton  
**Report Date:** 02 Feb 2024



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## GRAPHS

