



# CONSTRUCTION EQUIPMENT

## VOLVO EC350EL 314575 - SWING DRIVE



**Sample No:** VCP436471  
**Oil Type:** VALVOLINE ALLFLEET 10W  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP436471</b>	VCP438657	VCP424487	---
Sample Date	<b>30 Apr 2024</b>	10 Jan 2024	30 Sep 2023	---
Machine Hours	<b>0</b>	1057	586	---
Oil Hours	<b>0</b>	0	586	---
Oil Changed	<b>Changed</b>	Not Changd	Not Changd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

**CITY CARTING**  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>171</b>	170	165	---
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>12</b>	7	6	---
Sodium	ppm	<b>4</b>	3	2	---
Potassium	ppm	<b>2</b>	<1	1	---

### 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	<b>217</b>	205	143	---
Copper	ppm	<b>8</b>	10	8	---
Lead	ppm	<b>1</b>	0	0	---
Tin	ppm	<b>2</b>	0	<1	---
Aluminum	ppm	<b>2</b>	<1	<1	---
Chromium	ppm	<b>4</b>	3	2	---
Molybdenum	ppm	<b>&lt;1</b>	0	0	---
Nickel	ppm	<b>&lt;1</b>	0	0	---
Titanium	ppm	<b>&lt;1</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>4</b>	3	3	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>5</b>	6	7	---
Magnesium	ppm	<b>0</b>	0	2	---
Zinc	ppm	<b>21</b>	16	10	---
Phosphorus	ppm	<b>334</b>	341	284	---
Barium	ppm	<b>4</b>	4	4	---
Boron	ppm	<b>0</b>	6	0	---

**Depot:** CITMILCON  
**Unique No:** 11016390  
**Signed:** Jonathan Hester  
**Report Date:** 08 May 2024



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## GRAPHS

