



# CONSTRUCTION EQUIPMENT

RS0037006 VOLVO EC550EL 310082 - LEFT SWING DRIVE



**Sample No:** VCP430876  
**Oil Type:** COWIN 80W90  
**Job No:** RS0037006



## SAMPLE INFORMATION

Sample Number	VCP430876	---	---	---
Sample Date	16 Feb 2024	---	---	---
Machine Hours	1232	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### COWIN EQUIPMENT COMPANY

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## OIL CONDITION

Visc @ 40°C	cSt	█ 144	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ <1	---	---	---



## WEAR METALS

Iron	ppm	█ 51	---	---	---
Copper	ppm	█ 42	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	19	---	---	---
Magnesium	ppm	3	---	---	---
Zinc	ppm	51	---	---	---
Phosphorus	ppm	307	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	0	---	---	---

## 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.

**Depot:** VOLVO8247

**Unique No:** 10900259

**Signed:** Jonathan Hester

**Report Date:** 29 Feb 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

