



CONSTRUCTION EQUIPMENT

RS0037006 VOLVO EC550EL 310082 - REAR RIGHT FINAL DRIVE



Sample No: VCP443264
Oil Type: COWIN 80W90
Job No: RS0037006



SAMPLE INFORMATION

Sample Number	VCP443264	---	---	---
Sample Date	16 Feb 2024	---	---	---
Machine Hours	1232	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

COWIN EQUIPMENT COMPANY

7950 PITTMAN AVE

PENSACOLA, FL

US 32534

Contact: HUGH DOBBS

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OIL CONDITION

Visc @ 40°C	cSt	█ 173	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 1	---	---	---



WEAR METALS

Iron	ppm	█ 392	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	27	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	8	---	---	---
Phosphorus	ppm	232	---	---	---
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: 10900257

Signed: Wes Davis

Report Date: 28 Feb 2024



CONSTRUCTION EQUIPMENT



GRAPHS

