



CONSTRUCTION EQUIPMENT

RS0037006 VOLVO EC550EL 310082 - REAR LEFT FINAL DRIVE



Sample No: VCP430878
Oil Type: COWIN 80W90
Job No: RS0037006



SAMPLE INFORMATION

Sample Number	VCP430878	---	---	---
Sample Date	16 Feb 2024	---	---	---
Machine Hours	1232	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

COWIN EQUIPMENT COMPANY

7950 PITTMAN AVE

PENSACOLA, FL

US 32534

Contact: HUGH DOBBS

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OIL CONDITION

Visc @ 40°C	cSt	█ 183	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 20	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 2	---	---	---



WEAR METALS

Iron	ppm	▲ 537	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 7	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	6	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	12	---	---	---
Magnesium	ppm	2	---	---	---
Zinc	ppm	3	---	---	---
Phosphorus	ppm	222	---	---	---
Barium	ppm	1	---	---	---
Boron	ppm	0	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. High concentration of visible metal present. Gear wear is indicated. 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: 10900258

Signed: Jonathan Hester

Report Date: 29 Feb 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

