



CONSTRUCTION EQUIPMENT

SW0068852 VOLVO EC350 314624 - SWING DRIVE



Sample No: VCP430904
Oil Type: COWIN 80W90
Job No: SW0068852



SAMPLE INFORMATION

Sample Number	VCP430904	---	---	---
Sample Date	11 Jan 2024	---	---	---
Machine Hours	1097	---	---	---
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	█ 150	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 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	█ 260	---	---	---
Copper	ppm	█ 13	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	4	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	42	---	---	---
Phosphorus	ppm	348	---	---	---
Barium	ppm	5	---	---	---
Boron	ppm	0	---	---	---

Depot: VOLVO8247
Unique No: 10834518
Signed: Wes Davis
Report Date: 18 Jan 2024



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GRAPHS

