



CONSTRUCTION EQUIPMENT

RS0034491 VOLVO A45G 352522 - REAR AXLE



Sample No: VCP426961
Oil Type: COWIN 80W90
Job No: RSO034491



SAMPLE INFORMATION

Sample Number	VCP426961	---	---	---
Sample Date	30 Jun 2023	---	---	---
Machine Hours	6069	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

COWIN EQUIPMENT COMPANY

7950 PITTMAN AVE
 PENSACOLA, FL
 US 32534

Contact: HUGH DOBBS
 HDOBBS@COWIN.COM
 T: (850)479-3004
 F: (850)474-1602



OIL CONDITION

Visc @ 40°C	cSt	■ 97.2	---	---	---
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CONTAMINATION

Silicon	ppm	■ <1	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ <1	---	---	---



WEAR METALS

Iron	ppm	■ 41	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	67	---	---	---
Magnesium	ppm	1	---	---	---
Zinc	ppm	13	---	---	---
Phosphorus	ppm	411	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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: VOLV08247
Unique No: 10563002
Signed: Don Baldrige
Report Date: 20 Jul 2023



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GRAPHS

