



CONSTRUCTION EQUIPMENT

SW0065755 VOLVO A45G 352982 - BOGIE/CENTER AXLE



Sample No: VCP421727
Oil Type: COWIN 80W90
Job No: SW0065755



SAMPLE INFORMATION

Sample Number	VCP421727	---	---	---
Sample Date	15 Sep 2023	---	---	---
Machine Hours	3012	---	---	---
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	█ 136	---	---	---
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CONTAMINATION

Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 1	---	---	---



WEAR METALS

Iron	ppm	█ 341	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	8	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	8	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	84	---	---	---
Magnesium	ppm	23	---	---	---
Zinc	ppm	63	---	---	---
Phosphorus	ppm	1130	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	232	---	---	---

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: 10662700
Signed: Wes Davis
Report Date: 27 Sep 2023



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GRAPHS

