



CONSTRUCTION EQUIPMENT

RSO036579 VOLVO A45G 352532 - BOGIE/CENTER AXLE



Sample No: VCP430909
Oil Type: COWIN 80W90
Job No: RSO036579



SAMPLE INFORMATION

Sample Number	VCP430909	---	---	---
Sample Date	02 Jan 2024	---	---	---
Machine Hours	5101	---	---	---
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
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OIL CONDITION

Visc @ 40°C	cSt	█ 130	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 1	---	---	---



WEAR METALS

Iron	ppm	█ 107	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	7	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	6	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	88	---	---	---
Magnesium	ppm	27	---	---	---
Zinc	ppm	65	---	---	---
Phosphorus	ppm	1006	---	---	---
Barium	ppm	7	---	---	---
Boron	ppm	198	---	---	---

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: 10820313
Signed: Wes Davis
Report Date: 09 Jan 2024



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GRAPHS

