



CONSTRUCTION EQUIPMENT

70967 COUCH VOLVO A45G 352798 - REAR LEFT FINAL DRIVE



Sample No: VCP443539
Oil Type: VOLVO
Job No: 70967 COUCH



SAMPLE INFORMATION

Sample Number	VCP443539	---	---	---
Sample Date	04 Apr 2024	---	---	---
Machine Hours	3950	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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	39.7	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 22	---	---	---
Sodium	ppm	█ 10	---	---	---
Potassium	ppm	█ 3	---	---	---



WEAR METALS

Iron	ppm	█ 40	---	---	---
Copper	ppm	▲ 273	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ 7	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	3409	---	---	---
Magnesium	ppm	9	---	---	---
Zinc	ppm	1526	---	---	---
Phosphorus	ppm	1399	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	116	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. The copper level is abnormal. All other 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: 10968177
Signed: Jonathan Hester
Report Date: 12 Apr 2024



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GRAPHS

