



CONSTRUCTION EQUIPMENT

70967 COUCH VOLVO A45G 352798 - REAR LEFT FINAL DRIVE



Sample No: VCP445505
Oil Type: VOLVO
Job No: 70967 COUCH



SAMPLE INFORMATION

Sample Number	VCP445505	VCP443539	---	---
Sample Date	04 Apr 2024	04 Apr 2024	---	---
Machine Hours	3950	3950	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

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	39.7	39.7	---	---
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CONTAMINATION

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



WEAR METALS

Iron	ppm	42	40	---	---
Copper	ppm	279	273	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	1	1	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	2	2	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	7	7	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	3	---	---
Vanadium	ppm	<1	<1	---	---



ADDITIVES

Calcium	ppm	3546	3409	---	---
Magnesium	ppm	11	9	---	---
Zinc	ppm	1557	1526	---	---
Phosphorus	ppm	1385	1399	---	---
Barium	ppm	<1	<1	---	---
Boron	ppm	111	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: 10968192
Signed: Jonathan Hester
Report Date: 12 Apr 2024



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GRAPHS

