



CONSTRUCTION EQUIPMENT

579198 APTIM VOLVO A35G 340109 - BRAKE COOLING SYSTEM



Sample No: VCP424463
Oil Type: VOLVO WB 102
Job No: 579198 APTIM



SAMPLE INFORMATION

Sample Number	VCP424463	VCP424848	---	---
Sample Date	11 Jul 2023	16 Mar 2023	---	---
Machine Hours	8937	8480	---	---
Oil Hours	4000	3000	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: JOHN FARDELLA
 JFARDELLA@ALTAEQUIPFL.COM
 T: (813)630-0077
 F: (813)630-2233



OIL CONDITION

Visc @ 40°C	cSt	48.4	49.1	---	---
-------------	-----	-------------	------	-----	-----



CONTAMINATION

Silicon	ppm	9	10	---	---
Sodium	ppm	3	3	---	---
Potassium	ppm	0	<1	---	---



WEAR METALS

Iron	ppm	27	24	---	---
Copper	ppm	246	245	---	---
Lead	ppm	3	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	2	2	---	---
Nickel	ppm	3	3	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	2	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	2664	2797	---	---
Magnesium	ppm	13	16	---	---
Zinc	ppm	1150	1203	---	---
Phosphorus	ppm	1021	1046	---	---
Barium	ppm	0	0	---	---
Boron	ppm	60	60	---	---

Diagnosis

The fluid change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: VOLVO0093
Unique No: 10564861
Signed: Don Baldrige
Report Date: 24 Jul 2023



CONSTRUCTION EQUIPMENT



GRAPHS

