



CONSTRUCTION EQUIPMENT

621032 APTIM VOLVO A35G 340083 - BRAKE COOLING SYSTEM



Sample No: VCP432136
Oil Type: VOLVO WB 102
Job No: 621032 APTIM



SAMPLE INFORMATION

Sample Number	VCP432136	VCP395727	---	---
Sample Date	24 Oct 2023	08 Feb 2023	---	---
Machine Hours	5943	5438	---	---
Oil Hours	1900	1400	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	ABNORMAL	ABNORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	40.6	39.6	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	19	19	---	---
Sodium	ppm	5	6	---	---
Potassium	ppm	0	0	---	---

Diagnosis

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.



WEAR METALS

Iron	ppm	33	30	---	---
Copper	ppm	453	459	---	---
Lead	ppm	6	3	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	4	5	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	2	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	3721	3485	---	---
Magnesium	ppm	6	9	---	---
Zinc	ppm	1592	1446	---	---
Phosphorus	ppm	1308	1157	---	---
Barium	ppm	0	0	---	---
Boron	ppm	119	115	---	---

Depot: VOLVO0093
Unique No: 10753488
Signed: Don Baldrige
Report Date: 24 Nov 2023



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VOLVO GRAPHS

