



CONSTRUCTION EQUIPMENT

W14861 VOLVO A40G 353434 - BRAKE COOLING SYSTEM



Sample No: VCP441697
Oil Type: VOLVO WB 102
Job No: W14861



SAMPLE INFORMATION

Sample Number	VCP441697	---	---	---
Sample Date	27 Oct 2023	---	---	---
Machine Hours	991	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Not Changed	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 41.6	---	---	---
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CONTAMINATION

Silicon	ppm	█ 17	---	---	---
Sodium	ppm	█ 7	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

Resample at the next service interval to monitor. All 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	█ 10	---	---	---
Copper	ppm	█ 16	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	█ 3701	---	---	---
Magnesium	ppm	█ 24	---	---	---
Zinc	ppm	█ 1605	---	---	---
Phosphorus	ppm	█ 1362	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 115	---	---	---

Depot: VOLVO0080
Unique No: 10723064
Signed: Don Baldrige
Report Date: 01 Nov 2023



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GRAPHS

