



CONSTRUCTION EQUIPMENT

593983 RYAN GOLF VOLVO A45G 342685 - BRAKE COOLING SYSTEM



Sample No: VCP416418
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No: 593983 RYAN GOLF



SAMPLE INFORMATION

Sample Number	VCP416418	---	---	---
Sample Date	11 Aug 2023	---	---	---
Machine Hours	4733	---	---	---
Oil Hours	4733	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 43.6	---	---	---
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CONTAMINATION

Silicon	ppm	█ 21	---	---	---
Sodium	ppm	█ 8	---	---	---
Potassium	ppm	█ 0	---	---	---

Diagnosis

Oil and filter 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.



WEAR METALS

Iron	ppm	█ 32	---	---	---
Copper	ppm	▲ 260	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 5	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	█ 3599	---	---	---
Magnesium	ppm	█ 8	---	---	---
Zinc	ppm	█ 1488	---	---	---
Phosphorus	ppm	█ 1247	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 120	---	---	---

Depot: VOLVO0093
Unique No: 10620313
Signed: Sean Felton
Report Date: 28 Aug 2023



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GRAPHS

