



CONSTRUCTION EQUIPMENT

5505-1 VOLVO A45G 353141 - WET DISC BRAKE



Sample No: VCP417034
Oil Type: VOLVO SUPER WET BRAKE TRANSAXLE OIL WB102
Job No: 5505-1



SAMPLE INFORMATION

Sample Number	VCP417034	---	---	---
Sample Date	23 Aug 2023	---	---	---
Machine Hours	1999	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

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 2025 COOK DRIVE
 SALEM, VA
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 F:



OIL CONDITION

Visc @ 40°C	cSt	█ 60.5	---	---	---
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CONTAMINATION

Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 3	---	---	---

Diagnosis

Resample at the next service interval to monitor. All 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.



WEAR METALS

Iron	ppm	█ 9	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 13	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	█ 0	---	---	---



ADDITIVES

Calcium	ppm	█ 2393	---	---	---
Magnesium	ppm	█ 54	---	---	---
Zinc	ppm	█ 1057	---	---	---
Phosphorus	ppm	█ 893	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 35	---	---	---

Depot: VOLVO9010
Unique No: 10620983
Signed: Don Baldrige
Report Date: 28 Aug 2023



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GRAPHS

