



# CONSTRUCTION EQUIPMENT

## SW-35693-2 RIGID BLD VOLVO A45G 352709 - REAR AXLE



**Sample No:** VCP454294  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SW-35693-2 RIGID BLD



### SAMPLE INFORMATION

Sample Number	VCP454294	---	---	---
Sample Date	04 Jun 2024	---	---	---
Machine Hours	5343	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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### OIL CONDITION

Visc @ 40°C	cSt	█ 132	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ <1	---	---	---
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 oil. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	█ 264	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 11	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	█ 119	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 52	---	---	---
Phosphorus	ppm	█ 457	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 26	---	---	---

**Depot:** VOLVO8770  
**Unique No:** 11072506  
**Signed:** Don Baldrige  
**Report Date:** 12 Jun 2024



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## GRAPHS

