



# CONSTRUCTION EQUIPMENT

591916 VOLVO A45G 353508 - BOGIE/CENTER AXLE



**Sample No:** VCP434935  
**Oil Type:** {unknown}  
**Job No:** 591916



## SAMPLE INFORMATION

Sample Number	VCP434935	VCP444748	---	---
Sample Date	27 Jun 2024	20 Jun 2024	---	---
Machine Hours	1680	1680	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Not Chngd	---	---
Sample Status	NORMAL	NORMAL	---	---

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## OIL CONDITION

Visc @ 40°C	cSt	53.1	52.2	---	---
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## CONTAMINATION

Water	%	0.149	NEG	---	---
Silicon	ppm	8	6	---	---
Sodium	ppm	<1	1	---	---
Potassium	ppm	6	5	---	---

## Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. The water content is negligible. 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	604	433	---	---
Copper	ppm	6	6	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	3	3	---	---
Chromium	ppm	9	6	---	---
Molybdenum	ppm	9	4	---	---
Nickel	ppm	2	2	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	16	12	---	---
Vanadium	ppm	<1	<1	---	---



## ADDITIVES

Calcium	ppm	146	120	---	---
Magnesium	ppm	2	1	---	---
Zinc	ppm	71	57	---	---
Phosphorus	ppm	2100	2321	---	---
Barium	ppm	<1	1	---	---
Boron	ppm	192	214	---	---

**Depot:** VOLVO0093  
**Unique No:** 11103039  
**Signed:** Wes Davis  
**Report Date:** 02 Jul 2024



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## GRAPHS

