



# CONSTRUCTION EQUIPMENT

## VOLVO A45G 352004 - BOGIE/CENTER AXLE



**Sample No:** VCE164856  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCE164856	---	---	---
Sample Date	27 Jul 2023	---	---	---
Machine Hours	5387	---	---	---
Oil Hours	14	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

**THE GW VAN KEPPEL CO MAIN**  
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### OIL CONDITION

Visc @ 40°C	cSt	█ 142	---	---	---
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### CONTAMINATION

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



### WEAR METALS

Iron	ppm	█ 8	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	█ 13	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 24	---	---	---
Phosphorus	ppm	2112	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 188	---	---	---

### 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.

**Depot:** VOLVO0111  
**Unique No:** 10576257  
**Signed:** Wes Davis  
**Report Date:** 31 Jul 2023



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## GRAPHS

