



# CONSTRUCTION EQUIPMENT

137464 MJ VOLVO A45G FS 342342 - BOGIE/CENTER AXLE



**Sample No:** VCP348500  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** 137464 MJ



## SAMPLE INFORMATION

Sample Number	VCP348500	---	---	---
Sample Date	23 Apr 2024	---	---	---
Machine Hours	10047	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

**THE GW VAN KEPPEL CO.-GARDEN CITY**  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 144	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 308	---	---	---
Potassium	ppm	█ 6	---	---	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. 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	▲ 971	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 7	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 9	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 73	---	---	---
Magnesium	ppm	█ 35	---	---	---
Zinc	ppm	█ 85	---	---	---
Phosphorus	ppm	█ 583	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 12	---	---	---

**Depot:** VOLVO0113  
**Unique No:** 11004063  
**Signed:** Jonathan Hester  
**Report Date:** 01 May 2024



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## GRAPHS

