



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 752086 - DROP BOX



**Sample No:** VCP449581  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP449581	---	---	---
Sample Date	14 Jun 2024	---	---	---
Machine Hours	1298	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

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### OIL CONDITION

Visc @ 40°C	cSt	● 49.1	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 26	---	---	---
Sodium	ppm	■ 9	---	---	---
Potassium	ppm	■ 3	---	---	---



### WEAR METALS

Iron	ppm	■ 104	---	---	---
Copper	ppm	■ 10	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	■ 8	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	■ 34	---	---	---
Magnesium	ppm	■ 3	---	---	---
Zinc	ppm	■ 82	---	---	---
Phosphorus	ppm	2176	---	---	---
Barium	ppm	■ 2	---	---	---
Boron	ppm	■ 80	---	---	---

### Diagnosis

No corrective action is recommended at this time. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The oil viscosity is lower than normal. Confirm oil type.

**Depot:** VOLVO0090  
**Unique No:** 11087981  
**Signed:** Sean Felton  
**Report Date:** 21 Jun 2024



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## GRAPHS

