



# CONSTRUCTION EQUIPMENT

## 621032 APTIM VOLVO A35G 340083 - DROP BOX



**Sample No:** VCP429376  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 621032 APTIM



### SAMPLE INFORMATION

Sample Number	<b>VCP429376</b>	VCP395728	---	---
Sample Date	<b>24 Oct 2023</b>	08 Feb 2023	---	---
Machine Hours	<b>5943</b>	5438	---	---
Oil Hours	<b>1900</b>	1400	---	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	---	---
Sample Status	<b>ATTENTION</b>	ATTENTION	---	---

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### OIL CONDITION

Visc @ 40°C	cSt	<b>▲ 64.6</b>	▲ 61.6	---	---
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	---	---
Silicon	ppm	<b>■ 25</b>	■ 26	---	---
Sodium	ppm	<b>■ 4</b>	■ 4	---	---
Potassium	ppm	<b>■ 6</b>	■ 7	---	---

### 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 oil viscosity is lower than normal. Confirm oil type.



### WEAR METALS

Iron	ppm	<b>■ 169</b>	■ 143	---	---
Copper	ppm	<b>■ &lt;1</b>	■ 1	---	---
Lead	ppm	<b>■ 0</b>	■ <1	---	---
Tin	ppm	<b>■ 0</b>	■ <1	---	---
Aluminum	ppm	<b>■ 30</b>	■ 24	---	---
Chromium	ppm	<b>■ 1</b>	■ 2	---	---
Molybdenum	ppm	<b>■ 4</b>	■ 7	---	---
Nickel	ppm	<b>■ 0</b>	■ <1	---	---
Titanium	ppm	<b>0</b>	<1	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>■ 4</b>	■ 4	---	---
Vanadium	ppm	<b>0</b>	0	---	---



### ADDITIVES

Calcium	ppm	<b>■ 156</b>	■ 160	---	---
Magnesium	ppm	<b>■ 33</b>	■ 41	---	---
Zinc	ppm	<b>■ 44</b>	■ 63	---	---
Phosphorus	ppm	<b>■ 1368</b>	■ 1202	---	---
Barium	ppm	<b>■ 0</b>	■ 0	---	---
Boron	ppm	<b>■ 156</b>	■ 164	---	---

**Depot:** VOLVO0093  
**Unique No:** 10753487  
**Signed:** Don Baldrige  
**Report Date:** 24 Nov 2023



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## GRAPHS

