



# CONSTRUCTION EQUIPMENT

702890 APTIM VOLVO A35G 340109 - DROP BOX



**Sample No:** VCP449553  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 702890 APTIM



## SAMPLE INFORMATION

Sample Number	<b>VCP449553</b>	VCP424461	VCP423510	---
Sample Date	<b>29 Apr 2024</b>	11 Jul 2023	16 Mar 2023	---
Machine Hours	<b>9978</b>	8937	8480	---
Oil Hours	<b>2000</b>	4000	3000	---
Oil Changed	<b>Not Chngd</b>	Changed	Not Chngd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

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## OIL CONDITION

Visc @ 40°C	cSt	<b>258</b>	117	117	---
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## CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>5</b>	8	9	---
Sodium	ppm	<b>1</b>	1	1	---
Potassium	ppm	<b>2</b>	0	0	---

## 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.



## WEAR METALS

Iron	ppm	<b>72</b>	57	51	---
Copper	ppm	<b>3</b>	<1	<1	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>&lt;1</b>	0	0	---
Aluminum	ppm	<b>4</b>	8	10	---
Chromium	ppm	<b>&lt;1</b>	<1	<1	---
Molybdenum	ppm	<b>15</b>	8	8	---
Nickel	ppm	<b>0</b>	0	0	---
Titanium	ppm	<b>0</b>	<1	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>1</b>	1	2	---
Vanadium	ppm	<b>&lt;1</b>	<1	0	---



## ADDITIVES

Calcium	ppm	<b>191</b>	101	104	---
Magnesium	ppm	<b>55</b>	18	22	---
Zinc	ppm	<b>143</b>	75	83	---
Phosphorus	ppm	<b>1110</b>	1059	1122	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>168</b>	236	237	---

**Depot:** VOLVO0093  
**Unique No:** 11057896  
**Signed:** Wes Davis  
**Report Date:** 31 May 2024



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## GRAPHS

