



# CONSTRUCTION EQUIPMENT

## VOLVO A25G 752598 - FRONT AXLE



**Sample No:** VCP442875  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP442875</b>	VCP433512	VCP418883	---
Sample Date	<b>09 May 2024</b>	06 Nov 2023	26 May 2023	---
Machine Hours	<b>2325</b>	1489	528	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Not Changed</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	---

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### OIL CONDITION

Visc @ 40°C	cSt	<b>131</b>	130	131	---
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>6</b>	5	3	---
Sodium	ppm	<b>2</b>	1	<1	---
Potassium	ppm	<b>2</b>	3	2	---

### 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>183</b>	128	52	---
Copper	ppm	<b>23</b>	14	4	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>1</b>	<1	0	---
Aluminum	ppm	<b>&lt;1</b>	0	0	---
Chromium	ppm	<b>4</b>	3	2	---
Molybdenum	ppm	<b>2</b>	1	2	---
Nickel	ppm	<b>2</b>	2	<1	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>9</b>	6	4	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>244</b>	204	212	---
Magnesium	ppm	<b>0</b>	1	0	---
Zinc	ppm	<b>96</b>	84	88	---
Phosphorus	ppm	<b>1787</b>	1806	1854	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>171</b>	173	176	---

**Depot:** VOLVO0090  
**Unique No:** 11023568  
**Signed:** Wes Davis  
**Report Date:** 14 May 2024



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## GRAPHS

