



# CONSTRUCTION EQUIPMENT

## VOLVO A25G 752317 - BOGIE/CENTER AXLE



**Sample No:** VCP452485  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP452485</b>	VCE00983	VCE03104	---
Sample Date	<b>08 Apr 2024</b>	22 Jun 2022	10 Mar 2022	---
Machine Hours	<b>4883</b>	2216	865	---
Oil Hours	<b>0</b>	800	865	---
Oil Changed	<b>Not Chngd</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

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### OIL CONDITION

Visc @ 40°C	cSt	<b>141</b>	142	90.5	---
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### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>3</b>	5	5	---
Sodium	ppm	<b>&lt;1</b>	<1	2	---
Potassium	ppm	<b>0</b>	2	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>110</b>	142	378	---
Copper	ppm	<b>21</b>	7	49	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	<1	3	---
Aluminum	ppm	<b>0</b>	1	<1	---
Chromium	ppm	<b>&lt;1</b>	2	6	---
Molybdenum	ppm	<b>0</b>	2	16	---
Nickel	ppm	<b>&lt;1</b>	1	3	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	<1	---
Manganese	ppm	<b>1</b>	3	12	---
Vanadium	ppm	<b>0</b>	0	0	---



### ADDITIVES

Calcium	ppm	<b>58</b>	54	531	---
Magnesium	ppm	<b>0</b>	8	2	---
Zinc	ppm	<b>24</b>	22	235	---
Phosphorus	ppm	<b>608</b>	511	1373	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>8</b>	67	240	---

**Depot:** VOLVO0129  
**Unique No:** 10969504  
**Signed:** Don Baldrige  
**Report Date:** 13 Apr 2024



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## GRAPHS

