



# CONSTRUCTION EQUIPMENT

RS0036754 VOLVO A30G 752104 - BOGIE/CENTER AXLE



**Sample No:** VCP431840  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** RS0036754



## SAMPLE INFORMATION

Sample Number	<b>VCP431840</b>	VCP320072	VCP317522	---
Sample Date	<b>31 Jan 2024</b>	24 Aug 2021	28 Jul 2021	---
Machine Hours	<b>4113</b>	1027	968	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	ATTENTION	---

### COWIN EQUIPMENT COMPANY

7950 PITTMAN AVE  
 PENSACOLA, FL  
 US 32534

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## OIL CONDITION

Visc @ 40°C	cSt	<b>129</b>	112	57.5	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>4</b>	2	4	---
Sodium	ppm	<b>0</b>	<1	<1	---
Potassium	ppm	<b>1</b>	4	4	---



## WEAR METALS

Iron	ppm	<b>186</b>	116	266	---
Copper	ppm	<b>9</b>	5	24	---
Lead	ppm	<b>0</b>	<1	0	---
Tin	ppm	<b>0</b>	0	1	---
Aluminum	ppm	<b>2</b>	<1	0	---
Chromium	ppm	<b>2</b>	2	6	---
Molybdenum	ppm	<b>2</b>	2	11	---
Nickel	ppm	<b>&lt;1</b>	1	3	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>4</b>	4	16	---
Vanadium	ppm	<b>0</b>	<1	0	---



## ADDITIVES

Calcium	ppm	<b>57</b>	147	623	---
Magnesium	ppm	<b>4</b>	4	<1	---
Zinc	ppm	<b>33</b>	66	237	---
Phosphorus	ppm	<b>836</b>	1030	1595	---
Barium	ppm	<b>6</b>	0	4	---
Boron	ppm	<b>166</b>	178	244	---

### 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.

**Depot:** VOLVO8247  
**Unique No:** 10863742  
**Signed:** Wes Davis  
**Report Date:** 07 Feb 2024



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## GRAPHS

