



# CONSTRUCTION EQUIPMENT

SW0067072 VOLVO A25G 742272 - REAR AXLE



**Sample No:** VCP415325  
**Oil Type:** COWIN 80W90  
**Job No:** SW0067072



## SAMPLE INFORMATION

Sample Number	<b>VCP415325</b>	VCP421003	VCP369855	---
Sample Date	<b>27 Oct 2023</b>	09 Jun 2023	10 Feb 2023	---
Machine Hours	<b>6239</b>	5780	5326	---
Oil Hours	<b>0</b>	0	0	---
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>168</b>	284	284	---
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## CONTAMINATION

Silicon	ppm	<b>3</b>	2	2	---
Sodium	ppm	<b>2</b>	<1	<1	---
Potassium	ppm	<b>&lt;1</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>37</b>	74	91	---
Copper	ppm	<b>2</b>	2	2	---
Lead	ppm	<b>0</b>	0	0	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>&lt;1</b>	0	0	---
Chromium	ppm	<b>&lt;1</b>	1	1	---
Molybdenum	ppm	<b>4</b>	4	4	---
Nickel	ppm	<b>&lt;1</b>	0	<1	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>&lt;1</b>	1	1	---
Vanadium	ppm	<b>0</b>	0	0	---

## ADDITIVES

Calcium	ppm	<b>80</b>	142	140	---
Magnesium	ppm	<b>35</b>	34	31	---
Zinc	ppm	<b>51</b>	94	86	---
Phosphorus	ppm	<b>958</b>	1085	908	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>167</b>	172	180	---

**Depot:** SAIBIR  
**Unique No:** 10723051  
**Signed:** Don Baldrige  
**Report Date:** 01 Nov 2023



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## GRAPHS

