



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 342583 - REAR AXLE



**Sample No:** VCP0007886  
**Oil Type:** GEAR OIL SAE 90W140  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP0007886</b>	VCP307311	---	---
Sample Date	<b>02 May 2024</b>	19 May 2021	---	---
Machine Hours	<b>6881</b>	3820	---	---
Oil Hours	<b>6881</b>	0	---	---
Oil Changed	<b>N/A</b>	Not Changd	---	---
Sample Status	<b>NORMAL</b>	ATTENTION	---	---

**ALTA EQUIPMENT COMPANY**  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>326</b>	49.4	---	---
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### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	<b>1</b>	6	---	---
Sodium	ppm	<b>1</b>	4	---	---
Potassium	ppm	<b>&lt;1</b>	3	---	---



### WEAR METALS

Iron	ppm	<b>&lt;1</b>	170	---	---
Copper	ppm	<b>&lt;1</b>	5	---	---
Lead	ppm	<b>1</b>	<1	---	---
Tin	ppm	<b>2</b>	<1	---	---
Aluminum	ppm	<b>&lt;1</b>	2	---	---
Chromium	ppm	<b>&lt;1</b>	2	---	---
Molybdenum	ppm	<b>&lt;1</b>	5	---	---
Nickel	ppm	<b>&lt;1</b>	<1	---	---
Titanium	ppm	<b>&lt;1</b>	<1	---	---
Silver	ppm	<b>0</b>	<1	---	---
Manganese	ppm	<b>&lt;1</b>	9	---	---
Vanadium	ppm	<b>0</b>	0	---	---



### ADDITIVES

Calcium	ppm	<b>&lt;1</b>	32	---	---
Magnesium	ppm	<b>0</b>	2	---	---
Zinc	ppm	<b>0</b>	18	---	---
Phosphorus	ppm	<b>1036</b>	2302	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>178</b>	218	---	---

### Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 90W140. Please confirm.  
 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:** VOLVO0092  
**Unique No:** 11016417  
**Signed:** Wes Davis  
**Report Date:** 07 May 2024



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## GRAPHS

