



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 340676 - FRONT AXLE



**Sample No:** VCP434352  
**Oil Type:** VOLVO SUPER GEAR OIL 75W-80-GO102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP434352</b>	VCP397288	---	---
Sample Date	<b>19 Mar 2024</b>	29 Nov 2022	---	---
Machine Hours	<b>8783</b>	7767	---	---
Oil Hours	<b>0</b>	0	---	---
Oil Changed	<b>Not Chngd</b>	Changed	---	---
Sample Status	<b>NORMAL</b>	ATTENTION	---	---

**ALTA EQUIPMENT COMPANY - METRO WEST**  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>76.0</b>	286	---	---
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### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	<b>2</b>	2	---	---
Sodium	ppm	<b>2</b>	0	---	---
Potassium	ppm	<b>0</b>	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>18</b>	55	---	---
Copper	ppm	<b>0</b>	<1	---	---
Lead	ppm	<b>0</b>	0	---	---
Tin	ppm	<b>0</b>	0	---	---
Aluminum	ppm	<b>&lt;1</b>	<1	---	---
Chromium	ppm	<b>0</b>	<1	---	---
Molybdenum	ppm	<b>0</b>	3	---	---
Nickel	ppm	<b>0</b>	0	---	---
Titanium	ppm	<b>0</b>	0	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>0</b>	1	---	---
Vanadium	ppm	<b>0</b>	0	---	---



### ADDITIVES

Calcium	ppm	<b>2098</b>	78	---	---
Magnesium	ppm	<b>4</b>	24	---	---
Zinc	ppm	<b>746</b>	51	---	---
Phosphorus	ppm	<b>1705</b>	409	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>129</b>	16	---	---

**Depot:** VOLVO2990  
**Unique No:** 10940051  
**Signed:** Don Baldrige  
**Report Date:** 25 Mar 2024



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## GRAPHS

