



# CONSTRUCTION EQUIPMENT

687510 VOLVO A40G 752073 - REAR AXLE



**Sample No:** VCP437076  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 687510



## SAMPLE INFORMATION

Sample Number	VCP437076	---	---	---
Sample Date	12 Mar 2024	---	---	---
Machine Hours	1131	---	---	---
Oil Hours	1131	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### RIPA AND ASSOCIATES

10149 FISHER AVENUE  
TAMPA, FL  
US 33619  
Contact: ROBERT TURNER  
rtturner@ripatampa.com  
T:  
F:



## OIL CONDITION

Visc @ 40°C	cSt	█ 104	---	---	---
-------------	-----	-------	-----	-----	-----



## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ <1	---	---	---

### 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	█ 208	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 8	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 17	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	█ 143	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 73	---	---	---
Phosphorus	ppm	1559	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 298	---	---	---

**Depot:** RIPTAM  
**Unique No:** 10976326  
**Signed:** Don Baldrige  
**Report Date:** 15 Apr 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

