



# CONSTRUCTION EQUIPMENT

579653 VOLVO A40G 353131 - BOGIE/CENTER AXLE



**Sample No:** VCP422691  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 579653



## SAMPLE INFORMATION

Sample Number	VCP422691	---	---	---
Sample Date	13 Jul 2023	---	---	---
Machine Hours	2234	---	---	---
Oil Hours	1500	---	---	---
Oil Changed	Not Chngd	---	---	---
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	█ 255	---	---	---
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## CONTAMINATION

Silicon	ppm	█ 27	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---



## WEAR METALS

Iron	ppm	█ 154	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 5	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 141	---	---	---
Magnesium	ppm	█ 31	---	---	---
Zinc	ppm	█ 79	---	---	---
Phosphorus	ppm	█ 1289	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 250	---	---	---

## Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

**Depot:** RIPTAM  
**Unique No:** 10566018  
**Signed:** Don Baldrige  
**Report Date:** 25 Jul 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

