



# CONSTRUCTION EQUIPMENT

## VOLVO A25G 740250 - BOGIE/CENTER AXLE



**Sample No:** VCP412165  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP412165	VCP343862	---	---
Sample Date	28 Aug 2023	25 Oct 2021	---	---
Machine Hours	5525	3871	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---

**ALTA EQUIPMENT COMPANY**  
 5151 DR MARTIN LUTHER KING BLVD  
 FORT MYERS, FL  
 US 33905  
 Contact: TODD LARK  
 tlark@altaequipfl.com  
 T:  
 F: (239)481-3302



### OIL CONDITION

Visc @ 40°C	cSt	▲ 45.2	■ 190	---	---
-------------	-----	--------	-------	-----	-----



### CONTAMINATION

Silicon	ppm	■ 20	■ <1	---	---
Sodium	ppm	■ 2	■ 1	---	---
Potassium	ppm	■ 1	■ <1	---	---



### WEAR METALS

Iron	ppm	■ 21	■ 69	---	---
Copper	ppm	▲ 498	■ 18	---	---
Lead	ppm	■ 0	■ <1	---	---
Tin	ppm	■ 0	■ <1	---	---
Aluminum	ppm	■ 2	■ <1	---	---
Chromium	ppm	■ <1	■ 1	---	---
Molybdenum	ppm	■ <1	■ 3	---	---
Nickel	ppm	■ 1	■ 1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	■ 2	■ 3	---	---
Vanadium	ppm	0	<1	---	---



### ADDITIVES

Calcium	ppm	■ 3409	■ 129	---	---
Magnesium	ppm	■ 10	■ 15	---	---
Zinc	ppm	■ 1292	45	---	---
Phosphorus	ppm	■ 1185	■ 1183	---	---
Barium	ppm	■ 2	■ 0	---	---
Boron	ppm	■ 129	■ 194	---	---

### Diagnosis

No corrective action is recommended at this time. We recommend an early resample to monitor this condition. Bearing and/or bushing wear is indicated. Moderate concentration of visible dirt/debris present in the oil. The oil viscosity is lower than normal. Confirm oil type.

**Depot:** VOLVO0090  
**Unique No:** 10633235  
**Signed:** Don Baldrige  
**Report Date:** 07 Sep 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

