



# CONSTRUCTION EQUIPMENT

634625 B&C VOLVO A30 753224 - BOGIE/CENTER AXLE



**Sample No:** VCP431261  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 634625 B&C



## SAMPLE INFORMATION

Sample Number	VCP431261	VCP422296	---	---
Sample Date	28 Nov 2023	01 Jun 2023	---	---
Machine Hours	1304	514	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Chngd	---	---
Sample Status	NORMAL	ATTENTION	---	---

**ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC**  
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## OIL CONDITION

Visc @ 40°C	cSt	■ 85.1	▲ 87.2	---	---
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## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	■ 5	■ 4	---	---
Sodium	ppm	■ 2	■ 2	---	---
Potassium	ppm	■ 3	■ 2	---	---

## Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Confirm oil type. The condition of the oil is acceptable for the time in service.



## WEAR METALS

Iron	ppm	■ 344	■ 233	---	---
Copper	ppm	■ 27	■ 17	---	---
Lead	ppm	■ 0	■ 0	---	---
Tin	ppm	■ 1	■ <1	---	---
Aluminum	ppm	■ <1	■ <1	---	---
Chromium	ppm	■ 6	■ 4	---	---
Molybdenum	ppm	■ 3	■ 3	---	---
Nickel	ppm	■ 3	■ 2	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	■ 9	■ 7	---	---
Vanadium	ppm	0	0	---	---



## ADDITIVES

Calcium	ppm	■ 852	■ 984	---	---
Magnesium	ppm	■ 6	■ 2	---	---
Zinc	ppm	■ 379	■ 381	---	---
Phosphorus	ppm	■ 1294	■ 1306	---	---
Barium	ppm	■ 3	■ 0	---	---
Boron	ppm	■ 208	■ 234	---	---

**Depot:** VOLVO0096  
**Unique No:** 10766341  
**Signed:** Don Baldrige  
**Report Date:** 04 Dec 2023



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## GRAPHS

