



# CONSTRUCTION EQUIPMENT

SPM621972 VOLVO A25G 752521 - REAR AXLE



**Sample No:** VCP429061  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** SPM621972



**ALTA EQUIPMENT CO - ORLAND PARK**  
 5000 INDUSTRIAL HWY  
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## SAMPLE INFORMATION

Sample Number	VCP429061	---	---	---
Sample Date	13 Dec 2023	---	---	---
Machine Hours	3895	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	▲ 89.1	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 7	---	---	---



## WEAR METALS

Iron	ppm	■ 370	---	---	---
Copper	ppm	▲ 382	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 19	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 6	---	---	---
Molybdenum	ppm	■ 9	---	---	---
Nickel	ppm	■ 4	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 11	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	■ 941	---	---	---
Magnesium	ppm	■ 3	---	---	---
Zinc	ppm	■ 404	---	---	---
Phosphorus	ppm	■ 1347	---	---	---
Barium	ppm	■ 2	---	---	---
Boron	ppm	■ 240	---	---	---

## Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Bearing and/or bushing wear is indicated. All other component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. Confirm oil type.

**Depot:** VOLVO8885  
**Unique No:** 10883422  
**Signed:** Don Baldrige  
**Report Date:** 17 Feb 2024



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## GRAPHS

