



# CONSTRUCTION EQUIPMENT

555110 ALTA RENTS VOLVO A40 352895 - DROP BOX



**Sample No:** VCP417325  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 555110 ALTA RENTS



## SAMPLE INFORMATION

Sample Number	VCP417325	---	---	---
Sample Date	31 May 2023	---	---	---
Machine Hours	2825	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	SEVERE	---	---	---

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

Visc @ 40°C	cSt	█ 308	---	---	---
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## CONTAMINATION

Water	%	█ 8.34	---	---	---
Silicon	ppm	█ 32	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 4	---	---	---



## WEAR METALS

Iron	ppm	█ 255	---	---	---
Copper	ppm	█ 29	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 0	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ 38	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 5	---	---	---
Vanadium	ppm	█ 0	---	---	---



## ADDITIVES

Calcium	ppm	█ 272	---	---	---
Magnesium	ppm	█ 10	---	---	---
Zinc	ppm	█ 204	---	---	---
Phosphorus	ppm	█ 976	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 219	---	---	---

## Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

**Depot:** VOLVO0096  
**Unique No:** 10499218  
**Signed:** Don Baldrige  
**Report Date:** 07 Jun 2023



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## GRAPHS

