



# CONSTRUCTION EQUIPMENT

392448 ALTA RENTS VOLVO EC380 314416 - DROP BOX



**Sample No:** VCP417684  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 392448 ALTA RENTS



**ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC**  
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## SAMPLE INFORMATION

Sample Number	VCP417684	---	---	---
Sample Date	18 Oct 2023	---	---	---
Machine Hours	3633	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	▲ 291	---	---	---
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## CONTAMINATION

Water	%	◆ 1.89	---	---	---
Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ <1	---	---	---



## WEAR METALS

Iron	ppm	■ 185	---	---	---
Copper	ppm	■ 6	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	■ 4	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	99	---	---	---
Magnesium	ppm	■ 30	---	---	---
Zinc	ppm	■ 76	---	---	---
Phosphorus	ppm	■ 1008	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 136	---	---	---

## Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. 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 viscosity is higher than normal. The oil is no longer serviceable due to the presence of contaminants.

**Depot:** VOLVO0096  
**Unique No:** 10712130  
**Signed:** Don Baldrige  
**Report Date:** 27 Oct 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

