



# CONSTRUCTION EQUIPMENT

218645 ALTA RENTS VOLVO EC480 311142 - LEFT SWING DRIVE



**Sample No:** VCP406884  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 218645 ALTA RENTS



## SAMPLE INFORMATION

Sample Number	VCP406884	---	---	---
Sample Date	19 Apr 2023	---	---	---
Machine Hours	5432	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

**ALTA EQUIPMENT/FLAGLER EQUIPMENT LLC**  
 9601 BOGGY CREEK RD  
 ORLANDO, FL  
 US 32824  
 Contact: Robert LaPlante  
 robert.laplante@altg.com  
 T: (407)508-9736  
 F: (407)659-8720



## OIL CONDITION

Visc @ 40°C	cSt	■ 325	---	---	---
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## CONTAMINATION

Water	%	◆ 3.31	---	---	---
Silicon	ppm	■ 11	---	---	---
Sodium	ppm	■ <1	---	---	---
Potassium	ppm	■ <1	---	---	---

## 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 is no longer serviceable due to the presence of contaminants.



## WEAR METALS

Iron	ppm	■ 787	---	---	---
Copper	ppm	■ 19	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ 7	---	---	---
Molybdenum	ppm	■ 4	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 7	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	■ 30	---	---	---
Magnesium	ppm	■ 9	---	---	---
Zinc	ppm	■ 46	---	---	---
Phosphorus	ppm	■ 940	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 135	---	---	---

**Depot:** VOLVO0096  
**Unique No:** 10441467  
**Signed:** Don Baldrige  
**Report Date:** 26 Apr 2023



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## GRAPHS

