



# CONSTRUCTION EQUIPMENT

580184 ALTA RENTS VOLVO EC380 315520 - FRONT RIGHT FINAL DRIVE



**Sample No:** VCP415544  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 580184 ALTA RENTS



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

Sample Number	VCP415544	---	---	---
Sample Date	15 Jul 2023	---	---	---
Machine Hours	1163	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	█ 179	---	---	---
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## CONTAMINATION

Silicon	ppm	█ 71	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 1	---	---	---



## WEAR METALS

Iron	ppm	█ 419	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 8	---	---	---
Chromium	ppm	█ 18	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	█ 44	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 3	---	---	---
Phosphorus	ppm	█ 336	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 2	---	---	---

## Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO0096  
**Unique No:** 10564873  
**Signed:** Don Baldridge  
**Report Date:** 24 Jul 2023



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## GRAPHS

