



# CONSTRUCTION EQUIPMENT

## 366720 VOLVO EC220EL 314927 - SWING DRIVE



**Sample No:** VCP433421  
**Oil Type:** VOLVO  
**Job No:** 366720



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

Sample Number	VCP433421	---	---	---
Sample Date	20 Sep 2023	---	---	---
Machine Hours	635	---	---	---
Oil Hours	635	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



### OIL CONDITION

Visc @ 40°C	cSt	█ 163	---	---	---
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### CONTAMINATION

Silicon	ppm	█ 14	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 2	---	---	---



### WEAR METALS

Iron	ppm	█ 148	---	---	---
Copper	ppm	█ 21	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	6	---	---	---
Magnesium	ppm	1	---	---	---
Zinc	ppm	21	---	---	---
Phosphorus	ppm	325	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	<1	---	---	---

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO0093  
**Unique No:** 10660024  
**Signed:** Don Baldrige  
**Report Date:** 24 Sep 2023

**VOLVO** **GRAPHS**

