



# CONSTRUCTION EQUIPMENT

302549 VOLVO EC220 314775 - SWING DRIVE



**Sample No:** VCP417976  
**Oil Type:** NOT GIVEN  
**Job No:** 302549



## SAMPLE INFORMATION

Sample Number	VCP417976	---	---	---
Sample Date	13 Jul 2023	---	---	---
Machine Hours	1000	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

**CASCADES RECOVERY US**  
 1845 EMERSON ST  
 ROCHESTER, NY  
 US 146063123  
 Contact: SERVICE MANAGER



## OIL CONDITION

Visc @ 40°C	cSt	█ 175	---	---	---
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T: (585)527-8110  
 F:



## CONTAMINATION

Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	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.



## WEAR METALS

Iron	ppm	█ 123	---	---	---
Copper	ppm	█ 10	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	45	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	25	---	---	---
Phosphorus	ppm	384	---	---	---
Barium	ppm	3	---	---	---
Boron	ppm	0	---	---	---

**Depot:** METROC  
**Unique No:** 10560314  
**Signed:** Don Baldrige  
**Report Date:** 17 Jul 2023



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## VOLVO GRAPHS

