



# CONSTRUCTION EQUIPMENT

19374 VORTEX VOLVO EC200EL 314626 - SWING DRIVE



**Sample No:** VCP415588  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 19374 VORTEX



## SAMPLE INFORMATION

Sample Number	VCP415588	---	---	---
Sample Date	10 Aug 2023	---	---	---
Machine Hours	1473	---	---	---
Oil Hours	1473	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ABNORMAL	---	---	---

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 US 27834  
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 BRANDON.JENKINS@ASCENDUMMACHINERY.COM  
 T:  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 184	---	---	---
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## CONTAMINATION

Silicon	ppm	█ 16	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ 4	---	---	---



## WEAR METALS

Iron	ppm	█ 387	---	---	---
Copper	ppm	█ 29	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 7	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 7	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 4	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 24	---	---	---
Phosphorus	ppm	█ 354	---	---	---
Barium	ppm	█ 5	---	---	---
Boron	ppm	█ 10	---	---	---

## Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO8769  
**Unique No:** 10617001  
**Signed:** Don Baldrige  
**Report Date:** 24 Aug 2023



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## GRAPHS

