



# CONSTRUCTION EQUIPMENT

8000379768 VOLVO EC300EL 316765 - SWING DRIVE



**Sample No:** VCP394280  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 8000379768



## SAMPLE INFORMATION

Sample Number	VCP394280	---	---	---
Sample Date	16 Oct 2023	---	---	---
Machine Hours	2027	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**STRONGCO EQUIP (AB)**  
6 - 38403 BURNT LAKE TRAIL  
RED DEER COUNTY, AB  
CA T4S 2L4  
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## OIL CONDITION

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

Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ <1	---	---	---



## WEAR METALS

Iron	ppm	█ 142	---	---	---
Copper	ppm	█ 37	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 5	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 16	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 34	---	---	---
Phosphorus	ppm	324	---	---	---
Barium	ppm	█ 1	---	---	---
Boron	ppm	2	---	---	---

## Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO9652  
**Unique No:** 5659776  
**Signed:** Kevin Marson  
**Report Date:** 22 Oct 2023

**VOLVO** **GRAPHS**

