



# CONSTRUCTION EQUIPMENT

8000383051 VOLVO EC300EL 315097 - SWING DRIVE



**Sample No:** VCP393023  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 8000383051



## SAMPLE INFORMATION

Sample Number	VCP393023	---	---	---
Sample Date	20 Nov 2023	---	---	---
Machine Hours	3944	---	---	---
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	█ 170	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 0	---	---	---



## WEAR METALS

Iron	ppm	█ 308	---	---	---
Copper	ppm	█ 42	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 8	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ 8	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	4	---	---	---
Magnesium	ppm	█ <1	---	---	---
Zinc	ppm	█ 34	---	---	---
Phosphorus	ppm	270	---	---	---
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:** 5683303  
**Signed:** Kevin Marson  
**Report Date:** 22 Nov 2023



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## GRAPHS

