



# CONSTRUCTION EQUIPMENT

CAVANAGH 374797 VOLVO EC380EL 314111 - SWING DRIVE



**Sample No:** VCP391729  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 374797



## SAMPLE INFORMATION

Sample Number	VCP391729	---	---	---
Sample Date	15 Oct 2023	---	---	---
Machine Hours	5975	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### STRONGCO EQUIPMENT

54 IBER ROAD  
OTTAWA, ON  
CA K2S 1E8  
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T:  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 146	---	---	---
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## CONTAMINATION

Silicon	ppm	█ 9	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ <1	---	---	---



## WEAR METALS

Iron	ppm	█ 74	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 189	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 79	---	---	---
Phosphorus	ppm	1677	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 86	---	---	---

### 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:** SHESTI  
**Unique No:** 5669325  
**Signed:** Wes Davis  
**Report Date:** 26 Oct 2023



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

