



# CONSTRUCTION EQUIPMENT

8000190069 VOLVO EC250EL 310118 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP231774  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 8000190069



**STRONGCO EQUIPMENT--CALGARY**  
 7923 54TH STREET SE  
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## SAMPLE INFORMATION

Sample Number	VCP231774	---	---	---
Sample Date	05 Mar 2019	---	---	---
Machine Hours	2007	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	290	---	---	---
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## CONTAMINATION

Silicon	ppm	231	---	---	---
Sodium	ppm	9	---	---	---
Potassium	ppm	13	---	---	---



## WEAR METALS

PQ		507	---	---	---
Iron	ppm	1322	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	39	---	---	---
Chromium	ppm	19	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	1	---	---	---
Titanium	ppm	2	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	13	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	37	---	---	---
Magnesium	ppm	8	---	---	---
Zinc	ppm	48	---	---	---
Phosphorus	ppm	940	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	112	---	---	---

## 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. Viscosity of sample indicates oil is within SAE 80W140 range, advise investigate. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO3909  
**Unique No:** 4835901  
**Signed:** Kevin Marson  
**Report Date:** 13 Mar 2019



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## GRAPHS

