



# CONSTRUCTION EQUIPMENT

8000174727 VOLVO EC350EL 310534 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP222723  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** 8000174727



**STRONGCO EQUIPMENT--CALGARY**  
7923 54TH STREET SE  
CALGARY, AB  
CA T2C 4R7  
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## SAMPLE INFORMATION

Sample Number	VCP222723	---	---	---
Sample Date	03 Nov 2018	---	---	---
Machine Hours	518	---	---	---
Oil Hours	518	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	█ 185	---	---	---
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## CONTAMINATION

Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 2	---	---	---



## WEAR METALS

Iron	ppm	█ 185	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 4	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	█ 0	---	---	---



## ADDITIVES

Calcium	ppm	█ 4	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 6	---	---	---
Phosphorus	ppm	█ 429	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 2	---	---	---

## 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. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO3909  
**Unique No:** 4773252  
**Signed:** Wes Davis  
**Report Date:** 07 Nov 2018



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## GRAPHS

