



# CONSTRUCTION EQUIPMENT

8000174727 VOLVO EC350EL 310534 - REAR LEFT FINAL DRIVE



**Sample No:** VCP222724  
**Oil Type:** GEAR OIL SAE 80W90  
**Job No:** 8000174727



## SAMPLE INFORMATION

Sample Number	<b>VCP222724</b>	VCP204329	VCP204321	---
Sample Date	<b>03 Nov 2018</b>	28 Sep 2018	27 Sep 2018	---
Machine Hours	<b>518</b>	275	275	---
Oil Hours	<b>518</b>	275	0	---
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

## STRONGCO EQUIPMENT--CALGARY

7923 54TH STREET SE  
CALGARY, AB  
CA T2C 4R7

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## OIL CONDITION

Visc @ 40°C	cSt	<b>186</b>	184	185	---
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## CONTAMINATION

Silicon	ppm	<b>57</b>	8	9	---
Sodium	ppm	<b>4</b>	2	2	---
Potassium	ppm	<b>5</b>	2	2	---



## WEAR METALS

Iron	ppm	<b>262</b>	133	140	---
Copper	ppm	<b>&lt;1</b>	0	<1	---
Lead	ppm	<b>&lt;1</b>	<1	0	---
Tin	ppm	<b>0</b>	0	0	---
Aluminum	ppm	<b>8</b>	2	2	---
Chromium	ppm	<b>5</b>	3	3	---
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	---
Nickel	ppm	<b>&lt;1</b>	<1	<1	---
Titanium	ppm	<b>&lt;1</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>4</b>	3	2	---
Vanadium	ppm	<b>0</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>15</b>	6	4	---
Magnesium	ppm	<b>5</b>	2	2	---
Zinc	ppm	<b>7</b>	6	5	---
Phosphorus	ppm	<b>425</b>	430	447	---
Barium	ppm	<b>2</b>	2	2	---
Boron	ppm	<b>2</b>	2	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:** 4773251  
**Signed:** Wes Davis  
**Report Date:** 07 Nov 2018



# CONSTRUCTION EQUIPMENT



## GRAPHS

