



# CONSTRUCTION EQUIPMENT

## 2609-1 VOLVO EC350E 314585 - SWING DRIVE



**Sample No:** VCP407765  
**Oil Type:** VOLVO WET BRAKE TRANSAXLE OIL  
**Job No:** 2609-1



### SAMPLE INFORMATION

Sample Number	VCP407765	---	---	---
Sample Date	30 Aug 2023	---	---	---
Machine Hours	549	---	---	---
Oil Hours	549	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

### MCCLUNG LOGAN

17941 SUSSEX HIGHWAY  
 BRIDGEVILLE, DE  
 US 19933

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 T: (302)337-3400  
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### OIL CONDITION

Visc @ 40°C	cSt	▲ 170	---	---	---
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### CONTAMINATION

Silicon	ppm	■ 12	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 2	---	---	---



### WEAR METALS

Iron	ppm	■ 127	---	---	---
Copper	ppm	■ 15	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ <1	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	▲ 30	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	▲ 33	---	---	---
Phosphorus	ppm	▲ 354	---	---	---
Barium	ppm	■ 5	---	---	---
Boron	ppm	▲ 0	---	---	---

### Diagnosis

The oil change at the time of sampling has been noted. 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 oil viscosity is higher than normal. This plus the additive levels indicates the addition of a different brand, or type of oil. Confirm oil type.

**Depot:** VOLVO1023  
**Unique No:** 10642047  
**Signed:** Don Baldrige  
**Report Date:** 12 Sep 2023



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## VOLVO GRAPHS

