



# CONSTRUCTION EQUIPMENT

## X54404 VOLVO EC250ELR 310694 - SWING DRIVE



**Sample No:** VCP314667  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** X54404



### SAMPLE INFORMATION

Sample Number	VCP314667	---	---	---
Sample Date	09 Mar 2021	---	---	---
Machine Hours	931	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	MARGINAL	---	---	---

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### OIL CONDITION

Visc @ 40°C	cSt	■ 186	---	---	---
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### CONTAMINATION

Water	%	▲ 0.129	---	---	---
Silicon	ppm	■ 18	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 2	---	---	---

### 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 a trace of moisture present in the oil. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	■ 1074	---	---	---
Copper	ppm	■ 30	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	■ 22	---	---	---
Molybdenum	ppm	■ 1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	1	---	---	---
Manganese	ppm	■ 17	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	■ 32	---	---	---
Magnesium	ppm	■ 17	---	---	---
Zinc	ppm	■ 36	---	---	---
Phosphorus	ppm	■ 477	---	---	---
Barium	ppm	■ 2	---	---	---
Boron	ppm	■ 4	---	---	---

**Depot:** SCOSAI  
**Unique No:** 9403231  
**Signed:** Jonathan Hester  
**Report Date:** 15 Mar 2021



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## GRAPHS

