



# CONSTRUCTION EQUIPMENT

## X58251 VOLVO EC250ELR 310708 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP413444  
**Oil Type:** NOT GIVEN  
**Job No:** X58251



### SAMPLE INFORMATION

Sample Number	VCP413444	---	---	---
Sample Date	11 Jul 2023	---	---	---
Machine Hours	2639	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

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### OIL CONDITION

Visc @ 40°C	cSt	■ 303	---	---	---
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### CONTAMINATION

Silicon	ppm	▲ 90	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 7	---	---	---

### Diagnosis

We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor. Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.



### WEAR METALS

Iron	ppm	▲ 561	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	▲ 13	---	---	---
Chromium	ppm	▲ 10	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	7	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	27	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	22	---	---	---
Phosphorus	ppm	961	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	91	---	---	---

**Depot:** SCOSAI  
**Unique No:** 10560362  
**Signed:** Don Baldrige  
**Report Date:** 17 Jul 2023



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## GRAPHS

