



# CONSTRUCTION EQUIPMENT

## VOLVO EC350EL 314395 - LEFT FINAL DRIVE



**Sample No:** VCP0007429

**Oil Type:** NOT GIVEN

**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP0007429	---	---	---
Sample Date	12 Sep 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

**ALTA EQUIPMENT COMPANY**  
 8750 PHILIPS HWY  
 JACKSONVILLE, FL  
 US 32256  
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### OIL CONDITION

Visc @ 40°C	cSt	█ 176	---	---	---
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### CONTAMINATION

Silicon	ppm	▲ 97	---	---	---
Sodium	ppm	█ 11	---	---	---
Potassium	ppm	█ 4	---	---	---

### Diagnosis

We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor. All component wear rates are normal. 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	█ 462	---	---	---
Copper	ppm	█ 0	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	▲ 20	---	---	---
Chromium	ppm	█ 13	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	9	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	227	---	---	---
Magnesium	ppm	16	---	---	---
Zinc	ppm	7	---	---	---
Phosphorus	ppm	345	---	---	---
Barium	ppm	7	---	---	---
Boron	ppm	<1	---	---	---

**Depot:** VOLVO0092  
**Unique No:** 10647741  
**Signed:** Don Baldrige  
**Report Date:** 19 Sep 2023



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## GRAPHS

