



# CONSTRUCTION EQUIPMENT

## X58459 VOLVO EC350EL 314368 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP406519  
**Oil Type:** NOT GIVEN  
**Job No:** X58459



### SAMPLE INFORMATION

Sample Number	VCP406519	---	---	---
Sample Date	21 Aug 2023	---	---	---
Machine Hours	1476	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

**SCOTT EQUIPMENT COMPANY LLC - Saint Rose**  
 PO BOX 997  
 SAINT ROSE, LA  
 US 70087  
 Contact: DENISE CORVERS  
 dcorvers@scottcompanies.com  
 T: (504)461-0961  
 F: (504)461-0970



### OIL CONDITION

Visc @ 40°C	cSt	█ 178	---	---	---
-------------	-----	-------	-----	-----	-----



### CONTAMINATION

Silicon	ppm	▲ 250	---	---	---
Sodium	ppm	█ 8	---	---	---
Potassium	ppm	█ 17	---	---	---

### Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Gear wear is indicated. All other metal levels are typical for a new component breaking in. 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	▲ 800	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	▲ 60	---	---	---
Chromium	ppm	▲ 18	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	3	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	10	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	26	---	---	---
Magnesium	ppm	12	---	---	---
Zinc	ppm	15	---	---	---
Phosphorus	ppm	299	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

**Depot:** SCOSAI  
**Unique No:** 10619190  
**Signed:** Don Baldrige  
**Report Date:** 26 Aug 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

