



# CONSTRUCTION EQUIPMENT

## X58866 VOLVO EC250DL 210174 - REAR LEFT FINAL DRIVE



**Sample No:** VCP426005  
**Oil Type:** NOT GIVEN  
**Job No:** X58866



### SAMPLE INFORMATION

Sample Number	VCP426005	---	---	---
Sample Date	10 Nov 2023	---	---	---
Machine Hours	10110	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

**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	■ 371	---	---	---
-------------	-----	-------	-----	-----	-----



### CONTAMINATION

Water	%	▲ 0.312	---	---	---
Silicon	ppm	◆ 479	---	---	---
Sodium	ppm	■ 15	---	---	---
Potassium	ppm	■ 21	---	---	---



### WEAR METALS

Iron	ppm	◆ 4033	---	---	---
Copper	ppm	■ 14	---	---	---
Lead	ppm	■ 8	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminum	ppm	▲ 99	---	---	---
Chromium	ppm	◆ 32	---	---	---
Molybdenum	ppm	3	---	---	---
Nickel	ppm	■ 5	---	---	---
Titanium	ppm	8	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	27	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	220	---	---	---
Magnesium	ppm	24	---	---	---
Zinc	ppm	38	---	---	---
Phosphorus	ppm	1020	---	---	---
Barium	ppm	8	---	---	---
Boron	ppm	192	---	---	---

### 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. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. There is a light concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

**Depot:** SCOSAI  
**Unique No:** 10749063  
**Signed:** Doug Bogart  
**Report Date:** 19 Nov 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

