



# CONSTRUCTION EQUIPMENT

SWA296490 ALL COUNTY VOLVO EC140E 314542 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP427182  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** SWA296490 ALL COUNTY



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC  
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## SAMPLE INFORMATION

Sample Number	VCP427182	---	---	---
Sample Date	27 Jun 2023	---	---	---
Machine Hours	2063	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	■ 137	---	---	---
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## CONTAMINATION

Silicon	ppm	■ 53	---	---	---
Sodium	ppm	■ 6	---	---	---
Potassium	ppm	■ 3	---	---	---



## WEAR METALS

Iron	ppm	▲ 1201	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	▲ 73	---	---	---
Aluminum	ppm	■ 5	---	---	---
Chromium	ppm	▲ 22	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 6	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 21	---	---	---
Vanadium	ppm	<1	---	---	---



## ADDITIVES

Calcium	ppm	■ 47	---	---	---
Magnesium	ppm	■ 1	---	---	---
Zinc	ppm	■ 45	---	---	---
Phosphorus	ppm	■ 384	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 0	---	---	---

## Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Bearing and/or gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO0093  
**Unique No:** 10547415  
**Signed:** Doug Bogart  
**Report Date:** 07 Jul 2023



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

