



# CONSTRUCTION EQUIPMENT

333969 SUPERIOR CONS VOLVO EC480EL 314599 - REAR RIGHT FINAL DRIVE



**Sample No:** VCP417608  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 333969 SUPERIOR CONS



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC  
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## SAMPLE INFORMATION

Sample Number	VCP417608	---	---	---
Sample Date	17 Aug 2023	---	---	---
Machine Hours	2481	---	---	---
Oil Hours	2481	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



## OIL CONDITION

Visc @ 40°C	cSt	█ 171	---	---	---
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## CONTAMINATION

Silicon	ppm	█ 39	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 2	---	---	---



## WEAR METALS

Iron	ppm	█ 1464	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 8	---	---	---
Chromium	ppm	█ 22	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 14	---	---	---
Vanadium	ppm	█ 0	---	---	---



## ADDITIVES

Calcium	ppm	█ 251	---	---	---
Magnesium	ppm	█ 39	---	---	---
Zinc	ppm	█ 30	---	---	---
Phosphorus	ppm	█ 265	---	---	---
Barium	ppm	█ 3	---	---	---
Boron	ppm	█ <1	---	---	---

## Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. 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:** 10642019  
**Signed:** Don Baldrige  
**Report Date:** 12 Sep 2023



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## GRAPHS

