



# CONSTRUCTION EQUIPMENT

SPM606781 VOLVO EC480EL 31110 - FRONT RIGHT FINAL DRIVE



**Sample No:** VCP408711  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** SPM606781



## SAMPLE INFORMATION

Sample Number	VCP408711	---	---	---
Sample Date	12 Sep 2023	---	---	---
Machine Hours	5730	---	---	---
Oil Hours	5730	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

**ALTA EQUIPMENT COMPANY**  
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## OIL CONDITION

Visc @ 40°C	cSt	█ 240	---	---	---
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## CONTAMINATION

Silicon	ppm	█ 58	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	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.



## WEAR METALS

Iron	ppm	█ 245	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 3	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	█ <1	---	---	---



## ADDITIVES

Calcium	ppm	█ 118	---	---	---
Magnesium	ppm	█ 8	---	---	---
Zinc	ppm	█ 36	---	---	---
Phosphorus	ppm	█ 583	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 80	---	---	---

**Depot:** VOLVO0090  
**Unique No:** 10655610  
**Signed:** Jonathan Hester  
**Report Date:** 20 Sep 2023



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## GRAPHS

