



# CONSTRUCTION EQUIPMENT

## VOLVO EC550EL 310021 - REAR LEFT FINAL DRIVE



**Sample No:** VCP426719  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP426719	---	---	---
Sample Date	17 Aug 2023	---	---	---
Machine Hours	3545	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

**ALTA EQUIPMENT COMPANY**  
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### OIL CONDITION

Visc @ 40°C	cSt	█ 249	---	---	---
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### CONTAMINATION

Silicon	ppm	█ 45	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---

**Diagnosis**  
 No corrective action is recommended at this time. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. 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.



### WEAR METALS

Iron	ppm	▲ 1076	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 6	---	---	---
Chromium	ppm	▲ 10	---	---	---
Molybdenum	ppm	█ 11	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 7	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	█ 168	---	---	---
Magnesium	ppm	█ 40	---	---	---
Zinc	ppm	█ 113	---	---	---
Phosphorus	ppm	█ 911	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 149	---	---	---

**Depot:** VOLVO0090  
**Unique No:** 10620319  
**Signed:** Sean Felton  
**Report Date:** 28 Aug 2023



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## GRAPHS

