



# CONSTRUCTION EQUIPMENT

## VOLVO EC550EL 310021 - DIESEL ENGINE



**Sample No:** VCP426587

**Oil Type:** NOT GIVEN

**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP426587	---	---	---
Sample Date	17 Aug 2023	---	---	---
Machine Hours	3545	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**ALTA EQUIPMENT COMPANY**  
 5151 DR MARTIN LUTHER KING BLVD  
 FORT MYERS, FL  
 US 33905  
 Contact: TODD LARK  
 tlark@altaequipfl.com  
 T:  
 F: (239)481-3302



### OIL CONDITION

Visc @ 100°C	cSt	█ 12.0	---	---	---
Base Number (BN)	mg KOH/g	█ 7.1	---	---	---
Oxidation (PA)	%	84	---	---	---

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 30 Diesel Engine Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. All component wear rates are normal. Fuel content negligible. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.



### CONTAMINATION

Soot %	%	█ 0.3	---	---	---
Nitration (PA)	%	83	---	---	---
Sulfation (PA)	%	62	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	█ 0.5	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 0	---	---	---



### WEAR METALS

Iron	ppm	█ 8	---	---	---
Copper	ppm	█ 6	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 48	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---



### ADDITIVES

Calcium	ppm	█ 1770	---	---	---
Magnesium	ppm	█ 515	---	---	---
Zinc	ppm	█ 1108	---	---	---
Phosphorus	ppm	█ 907	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 9	---	---	---

**Depot:** VOLVO0090  
**Unique No:** 10619889  
**Signed:** Wes Davis  
**Report Date:** 29 Aug 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

