



# CONSTRUCTION EQUIPMENT

## 310041 VOLVO EC480E 311308 - DIESEL ENGINE



**Sample No:** VCP412947  
**Oil Type:** DIESEL ENGINE OIL SAE 30  
**Job No:** 310041



### SAMPLE INFORMATION

Sample Number	VCP412947	---	---	---
Sample Date	20 Aug 2023	---	---	---
Machine Hours	2193	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### ALTA EQUIPMENT

5985 COURT STREET ROAD  
 SYRACUSE, NY  
 US 13206  
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 T: (315)437-2611  
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### OIL CONDITION

Visc @ 100°C	cSt	█ 11.8	---	---	---
Base Number (BN)	mg KOH/g	█ 6.9	---	---	---
Oxidation (PA)	%	86	---	---	---

### Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. No other corrective action is recommended at this time. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 30. Please confirm. All component wear rates are normal. Light fuel dilution occurring. No other contaminants were detected 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 %	%	█ 0.1	---	---	---
Nitration (PA)	%	83	---	---	---
Sulfation (PA)	%	61	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	█ 1.7	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ <1	---	---	---

### WEAR METALS

Iron	ppm	█ 7	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 50	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	█ 1596	---	---	---
Magnesium	ppm	█ 436	---	---	---
Zinc	ppm	█ 1032	---	---	---
Phosphorus	ppm	█ 850	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 27	---	---	---

**Depot:** VOLV00142  
**Unique No:** 10630067  
**Signed:** Wes Davis  
**Report Date:** 01 Sep 2023



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## GRAPHS

