



# CONSTRUCTION EQUIPMENT

## 94781 VOLVO EC480EL 314022 - DIESEL ENGINE



**Sample No:** VCP368112

**Oil Type:** NOT GIVEN

**Job No:** 94781



### SAMPLE INFORMATION

Sample Number	VCP368112	---	---	---
Sample Date	07 Nov 2022	---	---	---
Machine Hours	3502	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



### OIL CONDITION

Visc @ 100°C	cSt	11.2	---	---	---
Base Number (BN)	mg KOH/g	11	---	---	---
Oxidation (PA)	%	80	---	---	---



### CONTAMINATION

Water	%	0.134	---	---	---
Soot %	%	0.1	---	---	---
Nitration (PA)	%	58	---	---	---
Sulfation (PA)	%	61	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	1.0	---	---	---
Silicon	ppm	9	---	---	---
Sodium	ppm	0	---	---	---
Potassium	ppm	2	---	---	---



### WEAR METALS

Iron	ppm	5	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	51	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	1546	---	---	---
Magnesium	ppm	454	---	---	---
Zinc	ppm	1036	---	---	---
Phosphorus	ppm	845	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	50	---	---	---



### ALTA EQUIPMENT

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### Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity 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.

**Depot:** VOLV00142  
**Unique No:** 10214448  
**Signed:** Jonathan Hester  
**Report Date:** 15 Nov 2022



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## GRAPHS

