



# CONSTRUCTION EQUIPMENT

## SWA353593 USED EQUIP VOLVO EC380EL 310235 - DIESEL ENGINE



**Sample No:** VCP410316  
**Oil Type:** DIESEL ENGINE OIL SAE 15W40  
**Job No:** SWA353593 USED EQUIP



### SAMPLE INFORMATION

Sample Number	VCP410316	---	---	---
Sample Date	05 Sep 2023	---	---	---
Machine Hours	7427	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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### OIL CONDITION

Visc @ 100°C	cSt	█ 12.3	---	---	---
Base Number (BN)	mg KOH/g	█ 7.4	---	---	---
Oxidation (PA)	%	74	---	---	---

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. 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)	%	73	---	---	---
Sulfation (PA)	%	64	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	█ 2.5	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---



### WEAR METALS

Iron	ppm	█ 5	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 120	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



### ADDITIVES

Calcium	ppm	█ 1577	---	---	---
Magnesium	ppm	█ 635	---	---	---
Zinc	ppm	█ 873	---	---	---
Phosphorus	ppm	█ 726	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 264	---	---	---

**Depot:** VOLVO8885  
**Unique No:** 10636126  
**Signed:** Wes Davis  
**Report Date:** 12 Sep 2023



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## GRAPHS

