



# CONSTRUCTION EQUIPMENT

NOT GIVEN VCP436064 - BLANK TICKET (S/N NO INFO ON SIF/BOTTLE) - DIESEL ENGINE



**Sample No:** VCP436064  
**Oil Type:** DIESEL ENGINE OIL SAE 40  
**Job No:**



## SAMPLE INFORMATION

Sample Number	VCP436064	---	---	---
Sample Date	08 Nov 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

### Volvo Construction Equipment

312 Volvo Way  
 Shippensburg, PA  
 US 17257

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## OIL CONDITION

Visc @ 100°C	cSt	█ 13.5	---	---	---
Base Number (BN)	mg KOH/g	█ 10.2	---	---	---
Oxidation (PA)	%	84	---	---	---

### Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm.

Please specify the component make and model with your next sample. All component wear rates are normal. 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 %	%	█ 0.7	---	---	---
Nitration (PA)	%	70	---	---	---
Sulfation (PA)	%	63	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 7	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---



## WEAR METALS

Iron	ppm	█ 21	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 51	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	█ 1745	---	---	---
Magnesium	ppm	█ 556	---	---	---
Zinc	ppm	█ 1194	---	---	---
Phosphorus	ppm	█ 911	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 45	---	---	---

**Depot:** VOLVO  
**Unique No:** 10736445  
**Signed:** Wes Davis  
**Report Date:** 10 Nov 2023



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## GRAPHS

