

# OIL ANALYSIS REPORT

# VOLVO PENTA

## GREG BOHMANN BH UNIVERSAL 500991 - DIESEL ENGINE

Sample No: VPA048598  
Oil Type: NOT GIVEN

### SAMPLE INFORMATION

Sample Number	VPA048598	---	---	---
Sample Date	25 Sep 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### CHICAGO YACHT WORKS

2550 S ASHLAND AVE  
CHICAGO, IL  
US 60608  
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### OIL CONDITION

Visc @ 100°C	cSt	█ 11.8	---	---	---
Base Number (BN)	mg KOH/g	█ 10.0	---	---	---
Oxidation (PA)	%	40	---	---	---

### CONTAMINATION

Soot %	%	█ 1	---	---	---
Nitration (PA)	%	57	---	---	---
Sulfation (PA)	%	53	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	█ 1.9	---	---	---
Silicon	ppm	█ 9	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 2	---	---	---

### WEAR METALS

Iron	ppm	█ 27	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 2	---	---	---
Aluminum	ppm	█ 5	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 46	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	█ 3658	---	---	---
Magnesium	ppm	█ 29	---	---	---
Zinc	ppm	█ 1196	---	---	---
Phosphorus	ppm	█ 988	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 382	---	---	---

### Diagnosis

Oil and filter change at the time of sampling has been noted. 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: VP1080862  
Unique No: 10695327  
Signed: Don Baldrige  
Report Date: 16 Oct 2023

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## GRAPHS

