

# OIL ANALYSIS REPORT

# VOLVO PENTA

## VOLVO PENTA 4012052201 - PORT GASOLINE ENGINE

Sample No: VPA050779

Oil Type: {unknown}

### SAMPLE INFORMATION

Sample Number	VPA050779	---	---	---
Sample Date	12 Feb 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

### Monmouth Marine Engines Inc

536 UNION LN

BRIELLE, NJ

US 08730-1421

Contact: Kenneth Mika

monmouthmarine@gmail.com

T: x:

F: x:

### OIL CONDITION

Visc @ 100°C	cSt	█ 11.2	---	---	---
Base Number (BN)	mg KOH/g	█ 7.9	---	---	---
Oxidation (PA)	%	13	---	---	---

### 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. 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 acceptable for the time in service.

### CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	6	---	---	---
Sulfation (PA)	%	11	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 15	---	---	---
Sodium	ppm	█ 58	---	---	---
Potassium	ppm	█ 2	---	---	---

### WEAR METALS

Iron	ppm	█ 114	---	---	---
Copper	ppm	█ 8	---	---	---
Lead	ppm	█ 20	---	---	---
Tin	ppm	█ 4	---	---	---
Aluminum	ppm	█ 11	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	31	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	<1	---	---	---

### ADDITIVES

Calcium	ppm	1988	---	---	---
Magnesium	ppm	37	---	---	---
Zinc	ppm	872	---	---	---
Phosphorus	ppm	789	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	37	---	---	---

Depot: VP153457

Unique No: 10874364

Signed: Sean Felton

Report Date: 14 Feb 2024

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## GRAPHS

