

# OIL ANALYSIS REPORT

# VOLVO PENTA

## ZF 20019861 - INBOARD - PORT GEARBOX

Sample No: VPA050893

Oil Type: {unknown}

### SAMPLE INFORMATION

Sample Number	VPA050893	---	---	---
Sample Date	27 Apr 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 @ 40°C	cSt	■ 91.6	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 7	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 5	---	---	---

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal for OEM. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

### WEAR METALS

PQ		■ 45	---	---	---
Iron	ppm	■ 60	---	---	---
Copper	ppm	■ 481	---	---	---
Lead	ppm	■ 37	---	---	---
Tin	ppm	■ 3	---	---	---
Aluminium	ppm	■ 9	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	■ <1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	■ <1	---	---	---

### ADDITIVES

Calcium	ppm	■ 2659	---	---	---
Magnesium	ppm	■ 164	---	---	---
Zinc	ppm	■ 1236	---	---	---
Phosphorus	ppm	■ 1055	---	---	---
Barium	ppm	■ 4	---	---	---
Boron	ppm	■ 37	---	---	---

Depot: VP153457

Unique No: 11002484

Signed: Doug Bogart

Report Date: 30 Apr 2024

# OIL ANALYSIS REPORT



## GRAPHS

