

# OIL ANALYSIS REPORT



## WINDSERVE JOURNEY VOLVO PENTA 3950010402 - INBOARD 3 - STARBOARD IPS

**Sample No:** VPA057202  
**Oil Type:** VOLVO PENTA GL-5 SAE 75W90

### SAMPLE INFORMATION

Sample Number	<b>VPA057202</b>	VPA057224	VPA057225	---
Sample Date	<b>10 May 2024</b>	08 Apr 2024	21 Mar 2024	---
Machine Hours	<b>831</b>	479	364	---
Oil Hours	<b>831</b>	479	0	---
Oil Changed	<b>Changed</b>	Changed	N/A	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

### WINDSERVE MARINE

10 MACNAUGHT ST  
 NORTH KINGSTOWN, RI  
 US 02852  
 Contact: Ryan Linn  
 RyanL@windservemarine.com  
 T:  
 F:

### OIL CONDITION

Visc @ 40°C	cSt	<b>99.5</b>	99.3	97.9	---
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>4</b>	6	6	---
Sodium	ppm	<b>2</b>	3	4	---
Potassium	ppm	<b>4</b>	7	5	---

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. 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		<b>20</b>	19	22	---
Iron	ppm	<b>42</b>	45	46	---
Copper	ppm	<b>3</b>	5	5	---
Lead	ppm	<b>0</b>	1	0	---
Tin	ppm	<b>&lt;1</b>	1	0	---
Aluminum	ppm	<b>1</b>	1	<1	---
Chromium	ppm	<b>0</b>	1	0	---
Molybdenum	ppm	<b>0</b>	1	0	---
Nickel	ppm	<b>0</b>	2	0	---
Titanium	ppm	<b>0</b>	<1	0	---
Silver	ppm	<b>0</b>	<1	0	---
Manganese	ppm	<b>3</b>	6	6	---
Vanadium	ppm	<b>0</b>	<1	0	---

### ADDITIVES

Calcium	ppm	<b>19</b>	38	45	---
Magnesium	ppm	<b>422</b>	680	976	---
Zinc	ppm	<b>5</b>	16	15	---
Phosphorus	ppm	<b>1526</b>	1696	1835	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>448</b>	586	613	---

**Depot:** VPSENNOR  
**Unique No:** 11044756  
**Signed:** Sean Felton  
**Report Date:** 24 May 2024

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## GRAPHS

