

# OIL ANALYSIS REPORT



**RGMLF084E516 507768 VOLVO PENTA 3940017354 - PORT IPS**

**Sample No:** VPA058659

**Oil Type:** VOLVO PENTA GL-5 SAE 75W90

## SAMPLE INFORMATION

Sample Number	<b>VPA058659</b>	VPA038869	VPA013412	---
Sample Date	<b>29 Apr 2024</b>	07 Jun 2021	11 Dec 2017	---
Machine Hours	<b>409</b>	0	130	---
Oil Hours	<b>0</b>	0	0	---
Oil Changed	<b>Changed</b>	N/A	N/A	---
Sample Status	<b>ATTENTION</b>	NORMAL	ATTENTION	---

### Marine Maintenance Of

7803 McElvey Rd  
PANAMA CITY BEACH, FL  
US 32408

Contact: Jody Kennedy  
jody@marinemaint.com

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## OIL CONDITION

Visc @ 40°C	cSt	<b>109</b>	110	102.0	---
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## CONTAMINATION

Water	%	<b>0.476</b>	NEG	NEG	---
Silicon	ppm	<b>13</b>	5	<b>27</b>	---
Sodium	ppm	<b>6</b>	<1	2	---
Potassium	ppm	<b>1</b>	0	2	---

## Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

## WEAR METALS

PQ		<b>16</b>	21	19	---
Iron	ppm	<b>68</b>	11	36	---
Copper	ppm	<b>9</b>	1	12	---
Lead	ppm	<b>0</b>	0	<1	---
Tin	ppm	<b>&lt;1</b>	<1	0	---
Aluminum	ppm	<b>2</b>	1	2	---
Chromium	ppm	<b>&lt;1</b>	<1	<1	---
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	---
Nickel	ppm	<b>&lt;1</b>	0	<1	---
Titanium	ppm	<b>&lt;1</b>	<1	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>3</b>	<1	2	---
Vanadium	ppm	<b>&lt;1</b>	0	0	---

## ADDITIVES

Calcium	ppm	<b>11</b>	5	31	---
Magnesium	ppm	<b>3</b>	3	146	---
Zinc	ppm	<b>33</b>	3	8	---
Phosphorus	ppm	<b>1482</b>	1327	1291	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>369</b>	369	281	---

**Depot:** VP313024  
**Unique No:** 11021911  
**Signed:** Don Baldrige  
**Report Date:** 14 May 2024

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**VOLVO  
PENTA**

## GRAPHS

