

# OIL ANALYSIS REPORT

# VOLVO PENTA

**LHRKP102K810 507052 VOLVO 3194008629 - PORT IPS**

**Sample No:** VPA017565

**Oil Type:** GEAR OIL SAE 75W90

## SAMPLE INFORMATION

Sample Number	<b>VPA017565</b>	VPA024260	---	---
Sample Date	<b>28 Oct 2020</b>	04 Feb 2020	---	---
Machine Hours	<b>852</b>	847	---	---
Oil Hours	<b>3</b>	50	---	---
Oil Changed	<b>Not Changd</b>	Not Changd	---	---
Sample Status	<b>NORMAL</b>	NORMAL	---	---

### 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>106</b>	106	---	---
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## CONTAMINATION

Water	%	<b>NEG</b>	0.164	---	---
Silicon	ppm	<b>9</b>	23	---	---
Sodium	ppm	<b>&lt;1</b>	7	---	---
Potassium	ppm	<b>0</b>	3	---	---

## Diagnosis

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

## WEAR METALS

PQ		<b>20</b>	20	---	---
Iron	ppm	<b>23</b>	63	---	---
Copper	ppm	<b>4</b>	7	---	---
Lead	ppm	<b>0</b>	0	---	---
Tin	ppm	<b>0</b>	0	---	---
Aluminum	ppm	<b>0</b>	1	---	---
Chromium	ppm	<b>&lt;1</b>	<1	---	---
Molybdenum	ppm	<b>1</b>	0	---	---
Nickel	ppm	<b>&lt;1</b>	1	---	---
Titanium	ppm	<b>0</b>	0	---	---
Silver	ppm	<b>&lt;1</b>	0	---	---
Manganese	ppm	<b>&lt;1</b>	<1	---	---
Vanadium	ppm	<b>0</b>	0	---	---

## ADDITIVES

Calcium	ppm	<b>37</b>	11	---	---
Magnesium	ppm	<b>3</b>	4	---	---
Zinc	ppm	<b>9</b>	15	---	---
Phosphorus	ppm	<b>1403</b>	1329	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>312</b>	276	---	---

**Depot:** VP313024  
**Unique No:** 9241342  
**Signed:** Don Baldrige  
**Report Date:** 04 Nov 2020

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**VOLVO  
PENTA**

## GRAPHS

