

# OIL ANALYSIS REPORT

# VOLVO PENTA

## NADINE URCIUOLI MAYTAG VOLVO PENTA A1093632 - STERNDRIVE - PORT GEARBOX

**Sample No:** VPA051514  
**Oil Type:** GEAR OIL SAE 75W90

### SAMPLE INFORMATION

Sample Number	VPA051514	---	---	---
Sample Date	01 Aug 2023	---	---	---
Machine Hours	142	---	---	---
Oil Hours	142	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

**Helmut's Marine Service**  
619 Canal Street  
SAN RAFAEL, CA  
US 94901-3545  
Contact: NADINE URCIUOLI  
SERVICE@HELMUTSMARINE.COM  
T: x:  
F: x:

### OIL CONDITION

Visc @ 40°C	cSt	█ 105	---	---	---
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### CONTAMINATION

Silicon	ppm	█ 1	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 4	---	---	---

### Diagnosis

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

### WEAR METALS

PQ		█ 16	---	---	---
Iron	ppm	█ 56	---	---	---
Copper	ppm	█ <1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ <1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	█ 0	---	---	---

### ADDITIVES

Calcium	ppm	█ 3	---	---	---
Magnesium	ppm	█ 85	---	---	---
Zinc	ppm	█ 5	---	---	---
Phosphorus	ppm	█ 1360	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 353	---	---	---

**Depot:** VP152741  
**Unique No:** 10591802  
**Signed:** Don Baldrige  
**Report Date:** 10 Aug 2023

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## GRAPHS

