

# OIL ANALYSIS REPORT

# VOLVO PENTA

**BILL WHITACRE TOM VOLVO PENTA 3200000768 - PORT IPS**

**Sample No:** VPA051154

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

## SAMPLE INFORMATION

Sample Number	VPA051154	VPA042881	---	---
Sample Date	17 Jan 2024	22 Dec 2022	---	---
Machine Hours	192	136	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

## ADMIRALTY MARINE

2775 KURTZ ST, STE 12

SAN DIEGO, CA

US 92110

Contact: Terry Albee

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## OIL CONDITION

Visc @ 40°C	cSt	■ 88.4	■ 106	---	---
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## CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	2	3	---	---
Sodium	ppm	■ 0	■ 44	---	---
Potassium	ppm	■ 3	■ 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 fluid. The condition of the fluid is acceptable for the time in service.

## WEAR METALS

PQ		■ 16	■ 8	---	---
Iron	ppm	■ 90	■ 158	---	---
Copper	ppm	■ 28	■ 15	---	---
Lead	ppm	2	<1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	1	6	---	---
Chromium	ppm	■ <1	■ 1	---	---
Molybdenum	ppm	■ 1	■ 1	---	---
Nickel	ppm	■ 2	■ 2	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	■ 2	■ 5	---	---
Vanadium	ppm	0	0	---	---

## ADDITIVES

Calcium	ppm	■ 16	■ 4	---	---
Magnesium	ppm	■ 5	■ 19	---	---
Zinc	ppm	■ 15	■ 149	---	---
Phosphorus	ppm	449	■ 1351	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	■ 24	■ 286	---	---

**Depot:** VP151529

**Unique No:** 10846417

**Signed:** Jonathan Hester

**Report Date:** 26 Jan 2024

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## GRAPHS

