

# OIL ANALYSIS REPORT

# VOLVO PENTA

## VOLVO PENTA 2006021825 - PORT DIESEL ENGINE

**Sample No:** VPA056811  
**Oil Type:** NOT GIVEN

### SAMPLE INFORMATION

Sample Number	VPA056811	---	---	---
Sample Date	08 Aug 2023	---	---	---
Machine Hours	505	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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### OIL CONDITION

Visc @ 100°C	cSt	█ 13.86	---	---	---
Oxidation (PA)	%	57	---	---	---

### CONTAMINATION

Soot %	%	█ 0.4	---	---	---
Nitration (PA)	%	52	---	---	---
Sulfation (PA)	%	52	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 6	---	---	---
Sodium	ppm	█ 0	---	---	---
Potassium	ppm	█ <1	---	---	---

### 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

Iron	ppm	█ 29	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 15	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 60	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ <1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	█ 1036	---	---	---
Magnesium	ppm	█ 898	---	---	---
Zinc	ppm	█ 1195	---	---	---
Phosphorus	ppm	█ 1002	---	---	---
Barium	ppm	█ 2	---	---	---
Boron	ppm	█ 5	---	---	---

**Depot:** VPJONMYA  
**Unique No:** 10603824  
**Signed:** Doug Bogart  
**Report Date:** 14 Aug 2023

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## GRAPHS

