

# OIL ANALYSIS REPORT

# VOLVO PENTA

## NO UNIT VPA031397 - MAIN ENGINE

Sample No: VPA031397

Oil Type: NOT GIVEN

### SAMPLE INFORMATION

Sample Number	VPA031397	---	---	---
Sample Date	17 Jul 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

### BEACON BAY MARINA

1-37 CHAMPLAIN RD  
PENETANGUISHENE, ON  
CA L9M 1S1

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### OIL CONDITION

Visc @ 100°C	cSt	█ 14.2	---	---	---
Oxidation (PA)	%	73	---	---	---

### CONTAMINATION

Soot %	%	█ 0.2	---	---	---
Nitration (PA)	%	73	---	---	---
Sulfation (PA)	%	61	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 7	---	---	---

### Diagnosis

Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please specify the brand, type, and viscosity of the oil on your next sample. 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	█ 28	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	3	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	█ 0	---	---	---

### ADDITIVES

Calcium	ppm	2273	---	---	---
Magnesium	ppm	13	---	---	---
Zinc	ppm	1176	---	---	---
Phosphorus	ppm	1004	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	132	---	---	---

Depot: VP728240  
Unique No: 5607564  
Signed: Kevin Marson  
Report Date: 19 Jul 2023

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## GRAPHS

