

# OIL ANALYSIS REPORT

# VOLVO PENTA

## CALLALOO 3B102227 - PORT GASOLINE ENGINE

**Sample No:** VPA052367  
**Oil Type:** QUICKSILVER 25W40

### SAMPLE INFORMATION

Sample Number	VPA052367	---	---	---
Sample Date	09 Jan 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

### OIL CONDITION

Visc @ 100°C	cSt	▲ 8.3	---	---	---
Base Number (BN)	mg KOH/g	■ 8.9	---	---	---
Oxidation (PA)	%	17	---	---	---

### CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	■ 0.1	---	---	---
Nitration (PA)	%	13	---	---	---
Sulfation (PA)	%	13	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	▲ 4.5	---	---	---
Silicon	ppm	■ 19	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 2	---	---	---

### WEAR METALS

Iron	ppm	■ 5	---	---	---
Copper	ppm	■ 4	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminum	ppm	■ 8	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	42	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	1844	---	---	---
Magnesium	ppm	10	---	---	---
Zinc	ppm	741	---	---	---
Phosphorus	ppm	644	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	91	---	---	---

#### The Talaria Company

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#### Diagnosis

We advise that you check the fuel injection system. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate amount of fuel present in the oil. Fuel is present in the oil and is lowering the viscosity. The BN result indicates that there is suitable alkalinity remaining in the oil.

**Depot:** VP592286  
**Unique No:** 10830424  
**Signed:** Jonathan Hester  
**Report Date:** 17 Jan 2024

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## GRAPHS

