

# OIL ANALYSIS REPORT

**VOLVO  
PENTA**

## 2006041580 - STARBOARD MAIN ENGINE

Sample No: VPA062085

Oil Type: {unknown}

### SAMPLE INFORMATION

Sample Number	VPA062085	---	---	---
Sample Date	26 May 2024	---	---	---
Machine Hours	521	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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### OIL CONDITION

Visc @ 100°C	cSt	█ 13.5	---	---	---
Oxidation (PA)	%	60	---	---	---

### CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	54	---	---	---
Sulfation (PA)	%	53	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ < 1	---	---	---

### Diagnosis

Resample at the next service interval to monitor. 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	█ 7	---	---	---
Copper	ppm	█ 3	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ < 1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	57	---	---	---
Nickel	ppm	█ < 1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 1	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	█ 0	---	---	---

### ADDITIVES

Calcium	ppm	1077	---	---	---
Magnesium	ppm	921	---	---	---
Zinc	ppm	1153	---	---	---
Phosphorus	ppm	995	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	█ 6	---	---	---

Depot: TOR101TOR  
Unique No: 5788469  
Signed: Kevin Marson  
Report Date: 03 Jun 2024

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## GRAPHS

