

# OIL ANALYSIS REPORT

**VOLVO  
PENTA**

## FORGE NOT GIVEN VPA055121 - FORGE - STARBOARD IPS

Sample No: VPA055121

Oil Type: NOT GIVEN

### SAMPLE INFORMATION

Sample Number	VPA055121	---	---	---
Sample Date	10 Jul 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

#### Sundance Mfg Inc

570 N.E. Tomahawk Isl. Dr.  
Portland, OR  
US 97217  
Contact: CLARK HOLMES  
clark@sundanceyachts.com

T:  
F:

### OIL CONDITION

Visc @ 40°C	cSt	■ 103	---	---	---
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### CONTAMINATION

Silicon	ppm	■ 10	---	---	---
Sodium	ppm	■ 3	---	---	---
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

PQ		■ 25	---	---	---
Iron	ppm	■ 80	---	---	---
Copper	ppm	■ 10	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 8	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	■ 0	---	---	---

### ADDITIVES

Calcium	ppm	■ 24	---	---	---
Magnesium	ppm	■ 0	---	---	---
Zinc	ppm	■ 0	---	---	---
Phosphorus	ppm	■ 1409	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 307	---	---	---

Depot: VP154394  
Unique No: 10551137  
Signed: Sean Felton  
Report Date: 12 Jul 2023

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## GRAPHS

