

# OIL ANALYSIS REPORT

**VOLVO  
PENTA**

## FORGE NOT GIVEN VPA050569- FORGE - PORT IPS

Sample No: VPA050569

Oil Type: NOT GIVEN

### SAMPLE INFORMATION

Sample Number	VPA050569	---	---	---
Sample Date	10 Jul 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---

#### 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	■ 102	---	---	---
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### CONTAMINATION

Silicon	ppm	■ 15	---	---	---
Sodium	ppm	■ 16	---	---	---
Potassium	ppm	■ 1	---	---	---

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. 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		■ 36	---	---	---
Iron	ppm	▲ 275	---	---	---
Copper	ppm	■ 17	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	6	---	---	---
Chromium	ppm	■ 3	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ 3	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	27	---	---	---
Magnesium	ppm	5	---	---	---
Zinc	ppm	0	---	---	---
Phosphorus	ppm	1409	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	288	---	---	---

Depot: VP154394  
Unique No: 10551136  
Signed: Don Baldrige  
Report Date: 13 Jul 2023

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## GRAPHS

