

# OIL ANALYSIS REPORT

# VOLVO PENTA

## RANNEY VOLVO PENTA RANNEY (S/N NOT GIVEN) - STARBOARD IPS

Sample No: VPA050880

Oil Type: VOLVO PENTA GL-5 SAE 75W90

### SAMPLE INFORMATION

Sample Number	VPA050880	---	---	---
Sample Date	10 Dec 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

### BAY MARINE

3 E MADISON ST

WAUKEGAN, IL

US 60085

Contact: NANCY FELHOFER

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### OIL CONDITION

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

Water	%	NEG	---	---	---
Silicon	ppm	2	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ 0	---	---	---

### WEAR METALS

PQ		█ 19	---	---	---
Iron	ppm	█ 17	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	0	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	█ 0	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 0	---	---	---
Phosphorus	ppm	█ 1261	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 375	---	---	---

### Diagnosis

Resample at the next service interval to monitor. 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.

Depot: VP1174336

Unique No: 10780735

Signed: Jonathan Hester

Report Date: 14 Dec 2023

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## GRAPHS

