

OIL ANALYSIS REPORT

VOLVO PENTA

BANK VOLVO PENTA VOLVO PENTA IPS-C (S/N NOT GIVEN) - STARBOARD IPS

Sample No: VPA035298

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA035298	---	---	---
Sample Date	23 Dec 2023	---	---	---
Machine Hours	536	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

Hampton Marine Inc

1010, 44 Newtown Rd

HAMPTON BAYS, NY

US 11946

Contact: CHRIS

CHRIS@HAMPTONWATERCRAFT.COM

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F:

OIL CONDITION

Visc @ 40°C	cSt	■ 111	---	---	---
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CONTAMINATION

Water	%	▲ 0.688	---	---	---
Silicon	ppm	■ 17	---	---	---
Sodium	ppm	■ 58	---	---	---
Potassium	ppm	■ 2	---	---	---

Diagnosis

We advise that you check for the source of water entry. Resample at the next service interval to monitor. Gear wear is indicated. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		■ 19	---	---	---
Iron	ppm	▲ 203	---	---	---
Copper	ppm	■ 20	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	10	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 0	---	---	---
Magnesium	ppm	■ 11	---	---	---
Zinc	ppm	■ 85	---	---	---
Phosphorus	ppm	■ 1398	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 257	---	---	---

Depot: VP432935

Unique No: 10870273

Signed: Jonathan Hester

Report Date: 09 Feb 2024

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GRAPHS

