

# OIL ANALYSIS REPORT

# VOLVO PENTA

## VOLVO PENTA 3020298421 - STERNDRIVE - PORT GEARBOX

Sample No: VPA055686

Oil Type: VOLVO PENTA GL-5 SAE 75W90

### SAMPLE INFORMATION

Sample Number	VPA055686	---	---	---
Sample Date	20 Mar 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

### OIL CONDITION

Visc @ 40°C	cSt	█ 169	---	---	---
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### CONTAMINATION

Water	%	▲ 0.476	---	---	---
Silicon	ppm	█ 2	---	---	---
Sodium	ppm	█ 40	---	---	---
Potassium	ppm	█ 4	---	---	---

### WEAR METALS

PQ		█ 13	---	---	---
Iron	ppm	█ 20	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	█ 60	---	---	---
Magnesium	ppm	█ 602	---	---	---
Zinc	ppm	█ 32	---	---	---
Phosphorus	ppm	█ 1554	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 170	---	---	---

### MARINE DIESEL SERVICES INC

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### Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. Appearance is milky. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP288530

Unique No: 10942291

Signed: Jonathan Hester

Report Date: 28 Mar 2024

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**VOLVO  
PENTA**

## GRAPHS

