

# OIL ANALYSIS REPORT

# VOLVO PENTA

**CHANCE ROBERTS 80683 3100010828 - PORT DRIVE**

**Sample No:** VPA042779

**Oil Type:** GEAR OIL SAE 75W90

## SAMPLE INFORMATION

Sample Number	VPA042779	VPA050573	---	---
Sample Date	16 Apr 2024	05 Feb 2024	---	---
Machine Hours	202	17	---	---
Oil Hours	0	17	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	SEVERE	---	---

## OIL CONDITION

Visc @ 40°C	cSt	█ 100	116	---	---
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## CONTAMINATION

Water	%	NEG	▲ 5.374	---	---
Silicon	ppm	0	█ 4	---	---
Sodium	ppm	█ 17	█ 365	---	---
Potassium	ppm	█ 2	█ 32	---	---

## WEAR METALS

PQ		█ 0	█ 0	---	---
Iron	ppm	█ 70	▲ 51	---	---
Copper	ppm	█ <1	█ 1	---	---
Lead	ppm	0	█ <1	---	---
Tin	ppm	0	█ 0	---	---
Aluminum	ppm	<1	█ 1	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 0	█ 0	---	---
Nickel	ppm	█ <1	█ <1	---	---
Titanium	ppm	0	█ 0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 2	█ 10	---	---
Vanadium	ppm	0	0	---	---

## ADDITIVES

Calcium	ppm	█ 19	█ 44	---	---
Magnesium	ppm	█ 39	827	---	---
Zinc	ppm	█ 14	█ 20	---	---
Phosphorus	ppm	█ 1345	█ 1573	---	---
Barium	ppm	█ 0	█ <1	---	---
Boron	ppm	█ 262	█ 369	---	---

### Progressive Diesel

2135 Milne Rd  
PORT MCNEIL, BC  
CA V0N 2R0  
Contact: CHRIS SHARPE  
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### Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 75W90. Please confirm. 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:** VP153880  
**Unique No:** 5773211  
**Signed:** Kevin Marson  
**Report Date:** 30 Apr 2024

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## GRAPHS

