

# OIL ANALYSIS REPORT

# VOLVO PENTA

**CHANCE ROBERTS 80683 A1226256 - STARBOARD MAIN ENGINE**

**Sample No:** VPA042781

**Oil Type:** {unknown}

## SAMPLE INFORMATION

Sample Number	VPA042781	---	---	---
Sample Date	29 Apr 2024	---	---	---
Machine Hours	50	---	---	---
Oil Hours	50	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### Progressive Diesel

2135 Milne Rd  
PORT MCNEIL, BC  
CA V0N 2R0  
Contact: Larry Cox  
larry.prodsl@hotmail.ca  
T:  
F:

## OIL CONDITION

Visc @ 100°C	cSt	█ 14.0	---	---	---
Oxidation (PA)	%	54	---	---	---

## CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	38	---	---	---
Sulfation (PA)	%	50	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 15	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 1	---	---	---

## Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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.

## WEAR METALS

Iron	ppm	█ 5	---	---	---
Copper	ppm	█ 10	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	56	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	█ 0	---	---	---

## ADDITIVES

Calcium	ppm	1125	---	---	---
Magnesium	ppm	873	---	---	---
Zinc	ppm	1137	---	---	---
Phosphorus	ppm	988	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	█ 11	---	---	---

**Depot:** VP153880  
**Unique No:** 5773337  
**Signed:** Kevin Marson  
**Report Date:** 30 Apr 2024

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## GRAPHS

