

# OIL ANALYSIS REPORT

# VOLVO PENTA

**36FT SARGO 36 SARGO VOLVO PENTA 3100005914 - STERNDRIVE - PORT GEARBOX**

**Sample No:** VPA058183

**Oil Type:** VOLVO PENTA GL-5 SAE 75W90

## SAMPLE INFORMATION

Sample Number	VPA058183	---	---	---
Sample Date	13 Feb 2024	---	---	---
Machine Hours	144	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

### North Harbor Diesel Inc

720 30Th Street  
ANACORTES, WA  
US 98221

Contact: ROBBIN MURDOCK  
robbin@northharbordiesel.com

T: (360)299-1904

F:

## OIL CONDITION

Visc @ 40°C	cSt	■ 88.2	---	---	---
-------------	-----	--------	-----	-----	-----

## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 14	---	---	---

## WEAR METALS

PQ		■ 15	---	---	---
Iron	ppm	▲ 150	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 6	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	■ 16	---	---	---
Magnesium	ppm	■ 840	---	---	---
Zinc	ppm	■ 7	---	---	---
Phosphorus	ppm	■ 1369	---	---	---
Barium	ppm	■ 2	---	---	---
Boron	ppm	■ 481	---	---	---

## Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VP179089

**Unique No:** 10888725

**Signed:** Sean Felton

**Report Date:** 23 Feb 2024

# OIL ANALYSIS REPORT



## GRAPHS

