

# OIL ANALYSIS REPORT

# VOLVO PENTA

**ALASKA LUXURY TOURS FARGO VOLVO PENTA 3200005799 - STARBOARD IPS**

**Sample No:** VPA036739

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

## SAMPLE INFORMATION

Sample Number	VPA036739	---	---	---
Sample Date	02 Jul 2024	---	---	---
Machine Hours	445	---	---	---
Oil Hours	445	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

## OIL CONDITION

Visc @ 40°C	cSt	■ 86.5	---	---	---
-------------	-----	--------	-----	-----	-----

## CONTAMINATION

Water	%	■ 0.149	---	---	---
Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ <1	---	---	---

## WEAR METALS

PQ		■ 17	---	---	---
Iron	ppm	■ 35	---	---	---
Copper	ppm	■ 5	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	■ 83	---	---	---
Magnesium	ppm	■ 5	---	---	---
Zinc	ppm	■ 38	---	---	---
Phosphorus	ppm	■ 160	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 72	---	---	---

### Sundance Mfg Inc

570 N.E. Tomahawk Isl. Dr.  
Portland, OR  
US 97217  
Contact: CLARK HOLMES  
clark@sundanceyachts.com

T:  
F:

### Diagnosis

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VP154394  
**Unique No:** 11114408  
**Signed:** Sean Felton  
**Report Date:** 10 Jul 2024

# OIL ANALYSIS REPORT

# VOLVO PENTA

## GRAPHS

