

OIL ANALYSIS REPORT

VOLVO PENTA

ALASKA LUXURY TOURS FARGO VOLVO PENTA 3200005799 - PORT IPS

Sample No: VPA036718

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA036718	---	---	---
Sample Date	02 Jul 2024	---	---	---
Machine Hours	445	---	---	---
Oil Hours	445	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Sundance Mfg Inc

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

T:
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 85.9	---	---	---
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CONTAMINATION

Water	%	■ 0.144	---	---	---
Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 7	---	---	---
Potassium	ppm	■ 12	---	---	---

WEAR METALS

PQ		■ 26	---	---	---
Iron	ppm	■ 75	---	---	---
Copper	ppm	■ 24	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 1	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	■ <1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 69	---	---	---
Magnesium	ppm	■ 870	---	---	---
Zinc	ppm	■ 43	---	---	---
Phosphorus	ppm	■ 1523	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 556	---	---	---

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: 11114407
Signed: Sean Felton
Report Date: 10 Jul 2024

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GRAPHS

