

OIL ANALYSIS REPORT

**VOLVO
PENTA**

VOLVO PENTA 3102284493 - STERNDRIVE - PORT GEARBOX

Sample No: VPA058185

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA058185	---	---	---
Sample Date	02 Feb 2024	---	---	---
Machine Hours	305	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

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	■ 180	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 4	---	---	---
Sodium	ppm	■ 6	---	---	---
Potassium	ppm	■ 2	---	---	---

WEAR METALS

PQ		■ 12	---	---	---
Iron	ppm	▲ 211	---	---	---
Copper	ppm	■ 2	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 6	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 3	---	---	---
Nickel	ppm	■ 4	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	7	---	---	---
Magnesium	ppm	8	---	---	---
Zinc	ppm	■ 52	---	---	---
Phosphorus	ppm	■ 1226	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	22	---	---	---

Diagnosis

The oil 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. Confirm oil type. The condition of the oil is acceptable for the time in service.

Depot: VP179089
Unique No: 10883365
Signed: Don Baldrige
Report Date: 17 Feb 2024

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GRAPHS

