

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA 3940014762 - PORT IPS

Sample No: VPA044292

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA044292	---	---	---
Sample Date	22 Aug 2023	---	---	---
Machine Hours	551	---	---	---
Oil Hours	10	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ABNORMAL	---	---	---

SMART DIESEL SERVICE

102 NW 133RD AVE, UNIT 103
PLANTATION, FL
US 33325
Contact: ANDRES GARMENDIA
smartdieselservice@gmail.com
T: (954)258-8100
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 106.5	---	---	---
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CONTAMINATION

Water	%	▲ 0.308	---	---	---
Silicon	ppm	■ 16	---	---	---
Sodium	ppm	■ 19	---	---	---
Potassium	ppm	■ 3	---	---	---

WEAR METALS

PQ		■ 17	---	---	---
Iron	ppm	■ 35	---	---	---
Copper	ppm	■ 10	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 11	---	---	---
Magnesium	ppm	■ 41	---	---	---
Zinc	ppm	■ 34	---	---	---
Phosphorus	ppm	■ 1632	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 487	---	---	---

Diagnosis

We advise that you check for the source of water entry. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VPSMAPLA
Unique No: 10617804
Signed: Doug Bogart
Report Date: 23 Aug 2023

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PENTA**

GRAPHS

