

# OIL ANALYSIS REPORT

# VOLVO PENTA

## VOLVO PENTA 3194012846 - PORT IPS

Sample No: VPA06140466

Oil Type: GEAR OIL SAE 75W90

### SAMPLE INFORMATION

Sample Number	VPA06140466	---	---	---
Sample Date	04 Apr 2024	---	---	---
Machine Hours	274	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

FDDA FT PIERCE - POWER CENTER

FORT PIERCE, FL

US

Contact: KYLE GRASER

k.graser@kirbycorp.com

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### OIL CONDITION

Visc @ 40°C	cSt	■ 106.8	---	---	---
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### CONTAMINATION

Water	%	▲ 0.540	---	---	---
Silicon	ppm	■ 12	---	---	---
Sodium	ppm	■ 36	---	---	---
Potassium	ppm	■ 3	---	---	---

### Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

### WEAR METALS

PQ		■ 15	---	---	---
Iron	ppm	■ 176	---	---	---
Copper	ppm	■ 17	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	6	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 3	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	<1	---	---	---

### ADDITIVES

Calcium	ppm	■ 9	---	---	---
Magnesium	ppm	■ 14	---	---	---
Zinc	ppm	■ 49	---	---	---
Phosphorus	ppm	■ 1443	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 268	---	---	---

Depot: VP208659

Unique No: 10965274

Signed: Doug Bogart

Report Date: 05 Apr 2024

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## GRAPHS

