

# OIL ANALYSIS REPORT

# VOLVO PENTA

## VOLVO PENTA 3194003661 - PORT IPS

Sample No: VPA058160

Oil Type: GEAR OIL SAE 75W90

### SAMPLE INFORMATION

Sample Number	VPA058160	---	---	---
Sample Date	06 Mar 2024	---	---	---
Machine Hours	1247	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

### OIL CONDITION

Visc @ 40°C	cSt	█ 101.6	---	---	---
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### CONTAMINATION

Water	%	▲ 0.629	---	---	---
Silicon	ppm	22	---	---	---
Sodium	ppm	█ 53	---	---	---
Potassium	ppm	█ 4	---	---	---

### WEAR METALS

PQ		█ 22	---	---	---
Iron	ppm	▲ 555	---	---	---
Copper	ppm	█ 50	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	█ 34	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 4	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 10	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	█ 173	---	---	---
Magnesium	ppm	█ 13	---	---	---
Zinc	ppm	█ 28	---	---	---
Phosphorus	ppm	█ 1285	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 208	---	---	---

### SUNCOAST DIESEL MARINE

6341 PORTER ROAD, SUITE 6  
SARASOTA, FL

US 34240

Contact: SERVICE MANAGER

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### 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. No corrective action is recommended at this time. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. There is a moderate concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP705283

Unique No: 10916831

Signed: Doug Bogart

Report Date: 08 Mar 2024

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PENTA**

## GRAPHS

