

# OIL ANALYSIS REPORT

# VOLVO PENTA

## SICKENBERGER 460-237 VOLVO PENTA 32000005924 (S/N 3200005924) - PORT IPS

Sample No: VPA058385

Oil Type: NOT GIVEN

### SAMPLE INFORMATION

Sample Number	VPA058385	---	---	---
Sample Date	20 Nov 2023	---	---	---
Machine Hours	182	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

### OIL CONDITION

Visc @ 40°C	cSt	■ 104	---	---	---
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### CONTAMINATION

Water	%	● 1.29	---	---	---
Silicon	ppm	■ 8	---	---	---
Sodium	ppm	▲ 71	---	---	---
Potassium	ppm	■ 4	---	---	---

### WEAR METALS

PQ		■ 20	---	---	---
Iron	ppm	■ 81	---	---	---
Copper	ppm	■ 18	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	1	---	---	---
Aluminum	ppm	4	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	5	---	---	---
Vanadium	ppm	<1	---	---	---

### ADDITIVES

Calcium	ppm	35	---	---	---
Magnesium	ppm	467	---	---	---
Zinc	ppm	107	---	---	---
Phosphorus	ppm	1441	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	209	---	---	---

### Outstanding Marine

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GALENA, MD  
US 21635  
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T:  
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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. We recommend an early resample to monitor this condition. All component wear rates are normal. Sodium levels are high. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP153685  
Unique No: 10764262  
Signed: Angela Borella  
Report Date: 01 Dec 2023

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## GRAPHS

