

# OIL ANALYSIS REPORT

# VOLVO PENTA

## 3940016535 - STARBOARD IPS

Sample No: VPA058709

Oil Type: {unknown}

### SAMPLE INFORMATION

Sample Number	VPA058709	---	---	---
Sample Date	17 Jan 2024	---	---	---
Machine Hours	1348	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	SEVERE	---	---	---

### ADVANCED DIESEL

1029 INDUSTRIAL BLVD, UNIT 2  
NAPLES, FL  
US 34104  
Contact: KEITH SPICER  
keith\_advanceddiesel@yahoo.com  
T: (239)580-8731  
F:

### OIL CONDITION

Visc @ 40°C	cSt	■ 105.3	---	---	---
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### CONTAMINATION

Water	%	● 2.46	---	---	---
Silicon	ppm	■ 28	---	---	---
Sodium	ppm	■ 14	---	---	---
Potassium	ppm	■ 2	---	---	---

### WEAR METALS

PQ		■ 19	---	---	---
Iron	ppm	▲ 398	---	---	---
Copper	ppm	■ 20	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	2	---	---	---
Aluminum	ppm	■ 15	---	---	---
Chromium	ppm	■ 4	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	14	---	---	---
Magnesium	ppm	10	---	---	---
Zinc	ppm	23	---	---	---
Phosphorus	ppm	1503	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	186	---	---	---

### 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. Gear wear is indicated. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VPADVNPAP  
Unique No: 10836064  
Signed: Jonathan Hester  
Report Date: 19 Jan 2024

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## GRAPHS

