

OIL ANALYSIS REPORT

VOLVO PENTA

3940016534 - PORT IPS

Sample No: VPA057478

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA057478	---	---	---
Sample Date	17 Jan 2024	---	---	---
Machine Hours	1349	---	---	---
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	%	● 1.74	---	---	---
Silicon	ppm	■ 34	---	---	---
Sodium	ppm	■ 98	---	---	---
Potassium	ppm	■ 6	---	---	---

WEAR METALS

PQ		■ 20	---	---	---
Iron	ppm	● 520	---	---	---
Copper	ppm	■ 35	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	2	---	---	---
Aluminum	ppm	9	---	---	---
Chromium	ppm	■ 4	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 5	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	5	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	19	---	---	---
Magnesium	ppm	17	---	---	---
Zinc	ppm	24	---	---	---
Phosphorus	ppm	1467	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	215	---	---	---

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 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 high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VPADVNP
Unique No: 10836065
Signed: Jonathan Hester
Report Date: 19 Jan 2024

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GRAPHS

