

OIL ANALYSIS REPORT



RYAN EASON 7716899 VOLVO PENTA 128020042568 - INBOARD - STARBOARD GEARBOX

Sample No: VPA050662

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA050662	---	---	---
Sample Date	27 Dec 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	SEVERE	---	---	---

Pacific Power Group - VP981534

7215 S 228th St

Kent, WA

US 98032

Contact: PAT RYAN

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F:

OIL CONDITION

Visc @ 40°C	cSt	■ 88.7	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	▲ 54	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 1	---	---	---

Diagnosis

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. Aluminum and copper ppm levels are severe. Elemental level of silicon (Si) above normal indicating ingress of seal material. The oil is no longer serviceable due to the presence of contaminants.

WEAR METALS

PQ		■ 38	---	---	---
Iron	ppm	■ 59	---	---	---
Copper	ppm	● 743	---	---	---
Lead	ppm	■ 7	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	● 145	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	60	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	3542	---	---	---
Magnesium	ppm	37	---	---	---
Zinc	ppm	1315	---	---	---
Phosphorus	ppm	1132	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	474	---	---	---

Depot: VP99031103

Unique No: 10822928

Signed: Doug Bogart

Report Date: 11 Jan 2024

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**VOLVO
PENTA**

GRAPHS

