

OIL ANALYSIS REPORT

VOLVO PENTA

3194005829 - PORT IPS

Sample No: VPA031374

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA031374	---	---	---
Sample Date	04 Jun 2024	---	---	---
Machine Hours	935	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

GBCS - GEORGIAN BAY SERVICES

171-8 ROBERT ST EAST
PENETANGUISHENE, ON
CA L9M 1G9

Contact: James Barrow
james@gbcs.ca

T: (705)528-9007

F:

OIL CONDITION

Visc @ 40°C	cSt	105	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	▲ 412	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ <1	---	---	---

WEAR METALS

PQ		■ 0	---	---	---
Iron	ppm	■ 131	---	---	---
Copper	ppm	■ 10	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminium	ppm	■ 4	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	9	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	26	---	---	---
Phosphorus	ppm	1333	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	260	---	---	---

Diagnosis

We advise that you check all areas where dirt can enter the system. 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. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is a moderate concentration of dirt present in the oil. Viscosity of sample indicates oil is within SAE 75W90 range, advise investigate. The oil is no longer serviceable due to the presence of contaminants.

Depot: GBCPEN

Unique No: 5789772

Signed: Kevin Marson

Report Date: 07 Jun 2024

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GRAPHS

