

OIL ANALYSIS REPORT

**VOLVO
PENTA**

STEPHEN ROBINSON PB42-03 VOLVO PENTA 3940019104 - PORT IPS

Sample No: VPA047322

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA047322	---	---	---
Sample Date	24 Jul 2023	---	---	---
Machine Hours	907	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 109	---	---	---
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CONTAMINATION

Water	%	▲ 0.228	---	---	---
Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 5	---	---	---
Potassium	ppm	■ 2	---	---	---

WEAR METALS

PQ		■ 14	---	---	---
Iron	ppm	■ 13	---	---	---
Copper	ppm	■ 5	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 10	---	---	---
Magnesium	ppm	■ 17	---	---	---
Zinc	ppm	■ 3	---	---	---
Phosphorus	ppm	■ 1434	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 390	---	---	---

GRAND BANKS

450 SW SALEM RD

STUART, FL

US 34994

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F:

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. No other contaminants were detected in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP531377

Unique No: 10579388

Signed: Sean Felton

Report Date: 02 Aug 2023

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GRAPHS

