

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA 3940022390 - PORT IPS

Sample No: VPA058232

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA058232	---	---	---
Sample Date	15 Nov 2023	---	---	---
Machine Hours	329	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ABNORMAL	---	---	---

ALL SYSTEMS MARINE

700 MYRICK ST
PENSACOLA, FL
US 32505
Contact: TRISTAN JOHNSON
allsystemsmarine@yahoo.com
T: (228)218-7963
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 102	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	14	---	---	---
Sodium	ppm	■ 11	---	---	---
Potassium	ppm	■ 0	---	---	---

WEAR METALS

PQ		■ 25	---	---	---
Iron	ppm	▲ 272	---	---	---
Copper	ppm	30	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminium	ppm	2	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 6	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	■ 7	---	---	---
Magnesium	ppm	■ 23	---	---	---
Zinc	ppm	■ 14	---	---	---
Phosphorus	ppm	■ 1388	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 237	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is suitable for further service.

Depot: VP99220003
Unique No: 10762951
Signed: Sean Felton
Report Date: 29 Nov 2023

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GRAPHS

