

OIL ANALYSIS REPORT

VOLVO PENTA

BRIAN TEDESCHI 533225 VOLVO PENTA 3940024032 - CENTER IPS

Sample No: VPA056996

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA056996	VPA025416	---	---
Sample Date	31 Oct 2023	21 Oct 2021	---	---
Machine Hours	2054	0	---	---
Oil Hours	0	150	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	SEVERE	ATTENTION	---	---

Jas Marine Service Inc

3131 SW 2Nd Ave.
FORT LAUDERDALE, FL
US 33315

Contact: JASON TOLEDO
jason@jasmarine.com

T: (954)462-1112

F:

OIL CONDITION

Visc @ 40°C	cSt	■ 97.5	■ 109	---	---
-------------	-----	--------	-------	-----	-----

CONTAMINATION

Water	%	▲ 0.243	---	---	---
Silicon	ppm	■ 18	■ 14	---	---
Sodium	ppm	■ 18	■ 8	---	---
Potassium	ppm	■ <1	■ <1	---	---

WEAR METALS

PQ		■ 35	■ 231	---	---
Iron	ppm	■ 434	▲ 216	---	---
Copper	ppm	■ 27	■ 11	---	---
Lead	ppm	■ 0	<1	---	---
Tin	ppm	■ 0	0	---	---
Aluminum	ppm	■ 6	5	---	---
Chromium	ppm	■ 3	■ 2	---	---
Molybdenum	ppm	■ 0	■ <1	---	---
Nickel	ppm	■ 4	■ 2	---	---
Titanium	ppm	■ 0	<1	---	---
Silver	ppm	■ 0	<1	---	---
Manganese	ppm	■ 4	■ 2	---	---
Vanadium	ppm	■ 0	0	---	---

ADDITIVES

Calcium	ppm	■ 7	■ 2	---	---
Magnesium	ppm	■ 2	■ 2	---	---
Zinc	ppm	■ 14	■ 0	---	---
Phosphorus	ppm	■ 1278	■ 1403	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	■ 281	■ 331	---	---

Diagnosis

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 light concentration of water present in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VP426065

Unique No: 10724774

Signed: Sean Felton

Report Date: 03 Nov 2023

OIL ANALYSIS REPORT

**VOLVO
PENTA**

GRAPHS

