

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA 3940024777 - STARBOARD IPS

Sample No: VPA050704

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA050704	---	---	---
Sample Date	13 Nov 2023	---	---	---
Machine Hours	440	---	---	---
Oil Hours	200	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

Aqua Yacht Harbor Marina

3832 Hwy. 25 North, 3832 Hwy. 25 North
IUKA, MS
US 38852
Contact: DENNIS KANIZAI
dkanizai@shmarinas.com

T:
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 104	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	17	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 2	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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 acceptable for the time in service.

WEAR METALS

PQ		■ 14	---	---	---
Iron	ppm	▲ 236	---	---	---
Copper	ppm	■ 11	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	4	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ 3	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 7	---	---	---
Magnesium	ppm	■ 12	---	---	---
Zinc	ppm	■ 15	---	---	---
Phosphorus	ppm	■ 1288	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 345	---	---	---

Depot: VP299833
Unique No: 10751864
Signed: Jonathan Hester
Report Date: 22 Nov 2023

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GRAPHS

