

OIL ANALYSIS REPORT

VOLVO PENTA

MARINE MAX TAP497606 ZF 3010486 - INBOARD - PORT GEARBOX

Sample No: VPA039618

Oil Type: SAE 30W

SAMPLE INFORMATION

Sample Number	VPA039618	---	---	---
Sample Date	27 Jun 2023	---	---	---
Machine Hours	159	---	---	---
Oil Hours	159	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

FDDA TAMPA

TAMPA, FL

US

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F:

OIL CONDITION

Visc @ 40°C	cSt	65.2	---	---	---
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CONTAMINATION

Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 2	---	---	---
Potassium	ppm	■ 0	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. 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		■ 16	---	---	---
Iron	ppm	■ 19	---	---	---
Copper	ppm	▲ 108	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ 6	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	▲ 1251	---	---	---
Magnesium	ppm	▲ 988	---	---	---
Zinc	ppm	▲ 1248	---	---	---
Phosphorus	ppm	▲ 1079	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 29	---	---	---

Depot: VP208641

Unique No: 10546300

Signed: Jonathan Hester

Report Date: 07 Jul 2023

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GRAPHS

