

OIL ANALYSIS REPORT

VOLVO PENTA

ARTIE CHIDO ZF 3217003037 - INBOARD - PORT IPS

Sample No: VPA034303

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA034303	---	---	---
Sample Date	16 Oct 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	MARGINAL	---	---	---

Seaborn Marina Inc.

87 Ocean Ave.
BAY SHORE, NY
US 11706
Contact: TOM
parts@seabornmarina.com
T: (631)665-0037
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 66.5	---	---	---
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CONTAMINATION

Silicon	ppm	■ 8	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 1	---	---	---

WEAR METALS

PQ		■ 12	---	---	---
Iron	ppm	■ 8	---	---	---
Copper	ppm	▲ 76	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	■ 12	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 38	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	2181	---	---	---
Magnesium	ppm	510	---	---	---
Zinc	ppm	1232	---	---	---
Phosphorus	ppm	1011	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	157	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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.

Depot: VP543511
Unique No: 10698002
Signed: Sean Felton
Report Date: 18 Oct 2023

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GRAPHS

