

OIL ANALYSIS REPORT

VOLVO PENTA

FRED LOPATIN VOLVO PENTA 3950003985 - STARBOARD IPS

Sample No: VPA042927

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA042927	---	---	---
Sample Date	21 Mar 2023	---	---	---
Machine Hours	495	---	---	---
Oil Hours	125	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---

Jefferson Beach Yacht Sales Inc

24400 Jefferson Ave.
SAINT CLAIR SHORES, MI
US 48080

Contact: DENNIS BUTT
dbutt@jbys.com

T: (866)490-5297

F:

OIL CONDITION

Visc @ 40°C	cSt	█ 108	---	---	---
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CONTAMINATION

Water	%	▲ 1.46	---	---	---
Silicon	ppm	2	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ <1	---	---	---

WEAR METALS

PQ		█ 14	---	---	---
Iron	ppm	█ 47	---	---	---
Copper	ppm	7	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	█ 13	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 22	---	---	---
Magnesium	ppm	█ 8	---	---	---
Zinc	ppm	█ 139	---	---	---
Phosphorus	ppm	█ 1317	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 243	---	---	---

Diagnosis

Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. Resample at the next service interval to monitor. All component wear rates are normal. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP297371

Unique No: 10425876

Signed: Doug Bogart

Report Date: 15 Apr 2023

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GRAPHS

