

# OIL ANALYSIS REPORT

# VOLVO PENTA

## VOLVO PENTA 51220351779 - INBOARD - STARBOARD GEARBOX

Sample No: VPA045291

Oil Type: ATF

### SAMPLE INFORMATION

Sample Number	VPA045291	---	---	---
Sample Date	28 Aug 2022	---	---	---
Machine Hours	458	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---

### SUNCOAST DIESEL MARINE

6341 PORTER ROAD, SUITE 6  
SARASOTA, FL  
US 34240  
Contact: SERVICE MANAGER  
info@suncoastdmi.com  
T: (941)342-0033  
F:

### OIL CONDITION

Visc @ 40°C	cSt	■ 29.8	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 10	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 3	---	---	---

### WEAR METALS

PQ		■ 34	---	---	---
Iron	ppm	● 130	---	---	---
Copper	ppm	● 134	---	---	---
Lead	ppm	■ 4	---	---	---
Tin	ppm	■ 5	---	---	---
Aluminium	ppm	● 8	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	■ 4	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	110	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 126	---	---	---
Phosphorus	ppm	■ 273	---	---	---
Barium	ppm	■ 19	---	---	---
Boron	ppm	■ 124	---	---	---

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Bearing and/or 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.

Depot: VP705283  
Unique No: 10115878  
Signed: Doug Bogart  
Report Date: 06 Sep 2022

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## GRAPHS

