

# OIL ANALYSIS REPORT

# VOLVO PENTA

## DIANA PHILLIPS TWIN DISC 5W5363-INBOARD - STARBOARD GEARBOX

**Sample No:** VPA056795  
**Oil Type:** SHELL ROTELLA T 30

### SAMPLE INFORMATION

Sample Number	VPA056795	---	---	---
Sample Date	28 Aug 2023	---	---	---
Machine Hours	2443	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

### YACHT BASIN MARINA

1866 OTTAWA BEACH RD  
HOLLAND, MI  
US 49424  
Contact: OIL SAMPLE/PART  
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T: (616)786-2205  
F:

### OIL CONDITION

Visc @ 40°C	cSt	■ 117	---	---	---
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### CONTAMINATION

Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ <1	---	---	---

### WEAR METALS

PQ		■ 18	---	---	---
Iron	ppm	■ 9	---	---	---
Copper	ppm	■ 12	---	---	---
Lead	ppm	▲ 103	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 62	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	■ 3296	---	---	---
Magnesium	ppm	■ 22	---	---	---
Zinc	ppm	■ 1117	---	---	---
Phosphorus	ppm	■ 1004	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 361	---	---	---

### Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The lead 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:** VP718610  
**Unique No:** 10630541  
**Signed:** Don Baldrige  
**Report Date:** 05 Sep 2023

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## GRAPHS

