

OIL ANALYSIS REPORT

VOLVO PENTA

GALATI SURVEY VOLVO PENTA 51220292570 - INBOARD - STARBOARD GEARBOX

Sample No: VPA044057

Oil Type: ATF

SAMPLE INFORMATION

Sample Number	VPA044057	---	---	---
Sample Date	10 Jul 2023	---	---	---
Machine Hours	477	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ATTENTION	---	---	---

Suncoast Diesel Marine Inc.

610 Mount Vernan St
OLDSMAR, FL
US 34677
Contact: MARK WARREN
oldsmar@suncoastdmi.com
T: (813)475-5942
F: (813)475-5943

OIL CONDITION

Visc @ 40°C	cSt	■ 35.2	---	---	---
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CONTAMINATION

Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 4	---	---	---
Potassium	ppm	■ 1	---	---	---

WEAR METALS

PQ		■ 31	---	---	---
Iron	ppm	■ 31	---	---	---
Copper	ppm	▲ 93	---	---	---
Lead	ppm	■ 43	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	■ 243	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 16	---	---	---
Phosphorus	ppm	■ 564	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 273	---	---	---

Diagnosis

No corrective action is recommended at this time. 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 suitable for further service.

Depot: VP945077
Unique No: 10560781
Signed: Don Baldrige
Report Date: 18 Jul 2023

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GRAPHS

