

OIL ANALYSIS REPORT

VOLVO PENTA

CHESAPEAKE VOLVO PENTA 3940026171 - STARBOARD IPS

Sample No: VPA045326

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA045326	---	---	---
Sample Date	15 Mar 2023	---	---	---
Machine Hours	223	---	---	---
Oil Hours	80	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

Outstanding Marine

PO Box 274
GALENA, MD
US 21635
Contact: Ronda Bolinger
rlwb@verizon.net
T:
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 105	---	---	---
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CONTAMINATION

Silicon	ppm	■ 15	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 2	---	---	---

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. 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.

WEAR METALS

PQ		■ 22	---	---	---
Iron	ppm	▲ 330	---	---	---
Copper	ppm	■ 17	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	9	---	---	---
Chromium	ppm	■ 3	---	---	---
Molybdenum	ppm	■ 1	---	---	---
Nickel	ppm	■ 4	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 9	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 13	---	---	---
Magnesium	ppm	■ 11	---	---	---
Zinc	ppm	■ 42	---	---	---
Phosphorus	ppm	■ 1267	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 253	---	---	---

Depot: VP153685
Unique No: 10389660
Signed: Don Baldrige
Report Date: 28 Mar 2023

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GRAPHS

