

OIL ANALYSIS REPORT

VOLVO PENTA

PHILLIP OLSON MIKE-10186 VOLVO PENTA 3940026766 - STARBOARD IPS

Sample No: VPA058822

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA058822	---	---	---
Sample Date	12 Mar 2024	---	---	---
Machine Hours	1000	---	---	---
Oil Hours	100	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

PLEASURE COVE MARINA

1701 POPLAR RIDGE RD
PASADENA, MD
US 21122

Contact: MIKE WARF
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OIL CONDITION

Visc @ 40°C	cSt	█ 106	---	---	---
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CONTAMINATION

Water	%	▲ 0.379	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 9	---	---	---
Potassium	ppm	█ 0	---	---	---

WEAR METALS

PQ		█ 26	---	---	---
Iron	ppm	█ 173	---	---	---
Copper	ppm	█ 14	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	█ 2	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 4	---	---	---
Phosphorus	ppm	█ 1209	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 282	---	---	---

Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP99482573
Unique No: 10990205
Signed: Don Baldrige
Report Date: 23 Apr 2024

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GRAPHS

