

OIL ANALYSIS REPORT

VOLVO PENTA

ROBERT HEYWOOD 14785 YANMAR 304289 - STARBOARD IPS

Sample No: VPA051985

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA051985	---	---	---
Sample Date	24 Oct 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 99.3	---	---	---
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CONTAMINATION

Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 6	---	---	---
Potassium	ppm	■ 2	---	---	---

WEAR METALS

PQ		■ 11	---	---	---
Iron	ppm	■ 8	---	---	---
Copper	ppm	■ 67	---	---	---
Lead	ppm	■ 1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 78	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 2	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 0	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 2026	---	---	---
Magnesium	ppm	■ 32	---	---	---
Zinc	ppm	■ 1274	---	---	---
Phosphorus	ppm	■ 976	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 84	---	---	---

PARTS & POWER

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Diagnosis

Resample at the next service interval to monitor. All 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: VP981217
Unique No: 10728410
Signed: Jonathan Hester
Report Date: 08 Nov 2023

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GRAPHS

