

OIL ANALYSIS REPORT

**VOLVO
PENTA**

43417673 - STARBOARD MAIN ENGINE

Sample No: VPA027044

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA027044	---	---	---
Sample Date	29 Apr 2024	---	---	---
Machine Hours	1122	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 100°C	cSt	█ 14.5	---	---	---
Oxidation (PA)	%	█ 65	---	---	---

CONTAMINATION

Water	%	█ 0.042	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	█ 48	---	---	---
Sulfation (PA)	%	█ 57	---	---	---
Glycol	%	█ 0.0	---	---	---
Fuel	%	█ <1.0	---	---	---
Silicon	ppm	█ 4	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 7	---	---	---

WEAR METALS

Iron	ppm	█ 12	---	---	---
Copper	ppm	█ 10	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	█ 0	---	---	---

ADDITIVES

Calcium	ppm	█ 2095	---	---	---
Magnesium	ppm	█ 18	---	---	---
Zinc	ppm	█ 1074	---	---	---
Phosphorus	ppm	█ 951	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 174	---	---	---

BRANDY'S COVE YACHTING CENTRE

105 BRANDY'S ISLAND RD
HONEY HARBOR, ON
CA P0E 1E0

Contact: Shayne Ronald
sronald@brandyscove.com

T: (705)716-3478

F:

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. The water content is negligible. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: BRAHON

Unique No: 5773866

Signed: Kevin Marson

Report Date: 03 May 2024

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GRAPHS

