

OIL ANALYSIS REPORT

VOLVO PENTA

STEPHEN COSENTINO R/O 45513 VOLVO PENTA 20132097476 - STARBOARD DIESEL ENGINE

Sample No: VPA050532

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA050532	---	---	---
Sample Date	16 Oct 2023	---	---	---
Machine Hours	290	---	---	---
Oil Hours	60	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

OIL CONDITION

Visc @ 100°C	cSt	█ 13.3	---	---	---
Base Number (BN)	mg KOH/g	█ 9.2	---	---	---
Oxidation (PA)	%	50	---	---	---

CONTAMINATION

Soot %	%	█ 0.2	---	---	---
Nitration (PA)	%	44	---	---	---
Sulfation (PA)	%	48	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 6	---	---	---

WEAR METALS

Iron	ppm	█ 5	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 4	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 53	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 0	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 1045	---	---	---
Magnesium	ppm	█ 929	---	---	---
Zinc	ppm	█ 1214	---	---	---
Phosphorus	ppm	█ 1039	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 4	---	---	---

ONE WATER YACHT

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F:

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP1134827

Unique No: 10700623

Signed: Don Baldrige

Report Date: 20 Oct 2023

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GRAPHS

