

OIL ANALYSIS REPORT

VOLVO PENTA

BOB WHITE 44534 VOLVO PENTA 7008518617 - STARBOARD DIESEL ENGINE

Sample No: VPA055995

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA055995	VPA043095	---	---
Sample Date	07 Mar 2024	27 Feb 2023	---	---
Machine Hours	326	300	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

OIL CONDITION

Visc @ 100°C	cSt	█ 13.3	█ 13.23	---	---
Base Number (BN)	mg KOH/g	█ 10.7	█ 10.4	---	---
Oxidation (PA)	%	77	56	---	---

CONTAMINATION

Water	%	NEG	NEG	---	---
Soot %	%	█ 0.1	█ 0.4	---	---
Nitration (PA)	%	42	49	---	---
Sulfation (PA)	%	59	54	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	█ 14	█ 13	---	---
Sodium	ppm	█ 0	█ <1	---	---
Potassium	ppm	█ 1	█ <1	---	---

WEAR METALS

Iron	ppm	█ 7	█ 12	---	---
Copper	ppm	█ 11	█ 29	---	---
Lead	ppm	█ 0	█ <1	---	---
Tin	ppm	█ <1	█ 0	---	---
Aluminum	ppm	█ 2	█ <1	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 44	█ 59	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	█ <1	█ 0	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	█ <1	█ <1	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	█ 1629	█ 1116	---	---
Magnesium	ppm	527	█ 948	---	---
Zinc	ppm	907	█ 1221	---	---
Phosphorus	ppm	█ 790	█ 982	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 69	█ 2	---	---

COASTAL CAROLINA YACHT SALES

145 LOCKWOOD BLVD

CHARLESTON, SC

US 29403

Contact: STEVE VASAS

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T:

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 suitable for further service.

Depot: VP568144

Unique No: 10928135

Signed: Don Baldrige

Report Date: 18 Mar 2024

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**VOLVO
PENTA**

GRAPHS

