

OIL ANALYSIS REPORT

VOLVO PENTA

43528 VOLVO PENTA A1111369 - STARBOARD DIESEL ENGINE

Sample No: VPA055777

Oil Type: VOLVO PENTA SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA055777	---	---	---
Sample Date	29 Aug 2023	---	---	---
Machine Hours	182	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

COASTAL CAROLINA YACHT SALES

145 LOCKWOOD BLVD

CHARLESTON, SC

US 29403

Contact: STEVE VASAS

steve@ccyachtsales.com

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OIL CONDITION

Visc @ 100°C	cSt	█ 12.9	---	---	---
Base Number (BN)	mg KOH/g	█ 10.3	---	---	---
Oxidation (PA)	%	59	---	---	---

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.

CONTAMINATION

Soot %	%	█ 0.3	---	---	---
Nitration (PA)	%	49	---	---	---
Sulfation (PA)	%	54	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 22	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 2	---	---	---

WEAR METALS

Iron	ppm	█ 27	---	---	---
Copper	ppm	█ 19	---	---	---
Lead	ppm	█ 4	---	---	---
Tin	ppm	█ 3	---	---	---
Aluminum	ppm	█ 12	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	█ 52	---	---	---
Nickel	ppm	█ 3	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 1251	---	---	---
Magnesium	ppm	█ 908	---	---	---
Zinc	ppm	█ 1301	---	---	---
Phosphorus	ppm	█ 1055	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 12	---	---	---

Depot: VP568144

Unique No: 10644693

Signed: Don Baldrige

Report Date: 14 Sep 2023

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GRAPHS

