

# OIL ANALYSIS REPORT



## ROBERT POTTER 44778 VOLVO PENTA 7011448652 - PORT DIESEL ENGINE

Sample No: VPA058496

Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

### SAMPLE INFORMATION

Sample Number	VPA058496	---	---	---
Sample Date	18 Apr 2024	---	---	---
Machine Hours	485	---	---	---
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

T:  
F:

### OIL CONDITION

Visc @ 100°C	cSt	12.1	---	---	---
Base Number (BN)	mg KOH/g	7.0	---	---	---
Oxidation (PA)	%	65	---	---	---

### CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0.4	---	---	---
Nitration (PA)	%	59	---	---	---
Sulfation (PA)	%	56	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	13	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	5	---	---	---

### Diagnosis

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. 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.

### WEAR METALS

Iron	ppm	13	---	---	---
Copper	ppm	103	---	---	---
Lead	ppm	2	---	---	---
Tin	ppm	2	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	1	---	---	---
Molybdenum	ppm	25	---	---	---
Nickel	ppm	1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	<1	---	---	---

### ADDITIVES

Calcium	ppm	1918	---	---	---
Magnesium	ppm	164	---	---	---
Zinc	ppm	1130	---	---	---
Phosphorus	ppm	953	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	54	---	---	---

Depot: VP568144  
Unique No: 10996674  
Signed: Sean Felton  
Report Date: 29 Apr 2024

# OIL ANALYSIS REPORT



## GRAPHS

