

# OIL ANALYSIS REPORT

# VOLVO PENTA

## ROBERT POTTER 44778 VOLVO PENTA 7011449322 - STARBOARD DIESEL ENGINE

Sample No: VPA058453

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

### SAMPLE INFORMATION

Sample Number	VPA058453	---	---	---
Sample Date	18 Apr 2024	---	---	---
Machine Hours	482	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### OIL CONDITION

Visc @ 100°C	cSt	12.3	---	---	---
Base Number (BN)	mg KOH/g	6.7	---	---	---
Oxidation (PA)	%	57	---	---	---

### CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	0.3	---	---	---
Nitration (PA)	%	58	---	---	---
Sulfation (PA)	%	53	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	12	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	5	---	---	---

### WEAR METALS

Iron	ppm	13	---	---	---
Copper	ppm	126	---	---	---
Lead	ppm	2	---	---	---
Tin	ppm	2	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	1	---	---	---
Molybdenum	ppm	4	---	---	---
Nickel	ppm	1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	<1	---	---	---

### ADDITIVES

Calcium	ppm	2103	---	---	---
Magnesium	ppm	58	---	---	---
Zinc	ppm	1074	---	---	---
Phosphorus	ppm	901	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	62	---	---	---

### COASTAL CAROLINA YACHT SALES

145 LOCKWOOD BLVD

CHARLESTON, SC

US 29403

Contact: STEVE VASAS

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### 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.

Depot: VP568144

Unique No: 10996669

Signed: Sean Felton

Report Date: 29 Apr 2024

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## GRAPHS

