

# OIL ANALYSIS REPORT

# VOLVO PENTA

## PIETRA COMP MAT VOLVO PENTA A12033833 - PORT DIESEL ENGINE

Sample No: VPA053148

Oil Type: VOLVO PENTA SAE 15W40

### SAMPLE INFORMATION

Sample Number	VPA053148	---	---	---
Sample Date	25 Apr 2024	---	---	---
Machine Hours	216	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

#### Jas Marine Service Inc

3131 SW 2Nd Ave.  
FORT LAUDERDALE, FL  
US 33315

Contact: JASON TOLEDO  
jason@jasmarine.com

T: (954)462-1112

F:

### OIL CONDITION

Visc @ 100°C	cSt	█ 12.8	---	---	---
Base Number (BN)	mg KOH/g	█ 9.8	---	---	---
Oxidation (PA)	%	56	---	---	---

### Diagnosis

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 acceptable for the time in service.

### CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.3	---	---	---
Nitration (PA)	%	50	---	---	---
Sulfation (PA)	%	53	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 21	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 2	---	---	---

### WEAR METALS

Iron	ppm	█ 26	---	---	---
Copper	ppm	█ 25	---	---	---
Lead	ppm	█ 9	---	---	---
Tin	ppm	█ 3	---	---	---
Aluminum	ppm	█ 7	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 62	---	---	---
Nickel	ppm	█ 5	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 1	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	█ 1336	---	---	---
Magnesium	ppm	█ 940	---	---	---
Zinc	ppm	█ 1339	---	---	---
Phosphorus	ppm	█ 1114	---	---	---
Barium	ppm	█ < 1	---	---	---
Boron	ppm	█ 5	---	---	---

Depot: VP426065

Unique No: 11030909

Signed: Sean Felton

Report Date: 17 May 2024

# OIL ANALYSIS REPORT



## GRAPHS

