

OIL ANALYSIS REPORT

VOLVO PENTA

VP289068 - PORT DIESEL ENGINE

Sample No: VPA039817

Oil Type: DIESEL ENGINE OIL SAE 15W40

SAMPLE INFORMATION

Sample Number	VPA039817	---	---	---
Sample Date	01 Mar 2024	---	---	---
Machine Hours	588	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

SIEBERT YACHT MANAGEMENT
2875 JUPITER PARK DR, SUITE 1700
JUPITER, FL
US 33458
Contact: JAY SIEBERT
jay@siebertyachtmanagement.com
T:
F:

OIL CONDITION

Visc @ 100°C	cSt	█ 14.5	---	---	---
Base Number (BN)	mg KOH/g	█ 8.3	---	---	---
Oxidation (PA)	%	66	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.4	---	---	---
Nitration (PA)	%	56	---	---	---
Sulfation (PA)	%	57	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 6	---	---	---

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 acceptable for the time in service.

WEAR METALS

Iron	ppm	█ 11	---	---	---
Copper	ppm	█ 19	---	---	---
Lead	ppm	█ 1	---	---	---
Tin	ppm	█ < 1	---	---	---
Aluminum	ppm	█ 2	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 2	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ < 1	---	---	---
Vanadium	ppm	< 1	---	---	---

ADDITIVES

Calcium	ppm	█ 2225	---	---	---
Magnesium	ppm	█ 35	---	---	---
Zinc	ppm	█ 1147	---	---	---
Phosphorus	ppm	█ 984	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 146	---	---	---

Depot: VP1190184
Unique No: 10911999
Signed: Sean Felton
Report Date: 06 Mar 2024

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS

