

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA 4012192334 - GASOLINE ENGINE

Sample No: VPA050986
Oil Type: GASOLINE ENGINE OIL SAE 10W40

SAMPLE INFORMATION

Sample Number	VPA050986	---	---	---
Sample Date	03 Apr 2024	---	---	---
Machine Hours	495	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

SUNCOAST DIESEL MARINE
6341 PORTER ROAD, SUITE 6
SARASOTA, FL
US 34240
Contact: SERVICE MANAGER
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F:

OIL CONDITION

Visc @ 100°C	cSt	█ 13.3	---	---	---
Base Number (BN)	mg KOH/g	█ 7.3	---	---	---
Oxidation (PA)	%	11	---	---	---

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	6	---	---	---
Sulfation (PA)	%	10	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 10	---	---	---
Sodium	ppm	█ 16	---	---	---
Potassium	ppm	█ 2	---	---	---

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.

WEAR METALS

Iron	ppm	█ 52	---	---	---
Copper	ppm	█ 15	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 10	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ 47	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	<1	---	---	---

Diagnosis

ADDITIVES

Calcium	ppm	█ 878	---	---	---
Magnesium	ppm	█ 583	---	---	---
Zinc	ppm	█ 672	---	---	---
Phosphorus	ppm	█ 589	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 141	---	---	---

Depot: VP705283
Unique No: 10963923
Signed: Doug Bogart
Report Date: 04 Apr 2024

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GRAPHS

