

OIL ANALYSIS REPORT

VOLVO PENTA

MIKE ROSS AR M ROSS 502694 VOLVO PENTA 4012182161 - PORT GASOLINE ENGINE

Sample No: VPA061853

Oil Type: VOLVO 10W40

SAMPLE INFORMATION

Sample Number	VPA061853	---	---	---
Sample Date	03 May 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

Endor Marine LLC - Coastal Marine - 152124
4300 11th Ave. NW
SEATTLE, WA
US 98107
Contact: WILLOW YANARELLA
service@coastalmarineengine.com
T: (206)784-3703
F: (206)784-8823

OIL CONDITION

Visc @ 100°C	cSt	█ 14.3	---	---	---
Base Number (BN)	mg KOH/g	█ 6.8	---	---	---
Oxidation (PA)	%	9	---	---	---

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.

CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	5	---	---	---
Sulfation (PA)	%	9	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 24	---	---	---
Sodium	ppm	█ 21	---	---	---
Potassium	ppm	█ 11	---	---	---

WEAR METALS

Iron	ppm	█ 72	---	---	---
Copper	ppm	█ 17	---	---	---
Lead	ppm	█ 3	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 5	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	43	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	1694	---	---	---
Magnesium	ppm	18	---	---	---
Zinc	ppm	806	---	---	---
Phosphorus	ppm	702	---	---	---
Barium	ppm	29	---	---	---
Boron	ppm	17	---	---	---

Depot: VP794951
Unique No: 11015829
Signed: Don Baldrige
Report Date: 08 May 2024

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GRAPHS

