

OIL ANALYSIS REPORT

VOLVO PENTA

MICHAEL EDMUNDS DILLON VOLVO PENTA 3869440 - PORT GASOLINE ENGINE

Sample No: VPA054905
Oil Type: VOLVO 10W40

SAMPLE INFORMATION

Sample Number	VPA054905	---	---	---
Sample Date	03 Apr 2024	---	---	---
Machine Hours	780	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
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	---	---	---
Nitration (PA)	%	7	---	---	---
Sulfation (PA)	%	9	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 5	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ 0	---	---	---

WEAR METALS

Iron	ppm	█ 6	---	---	---
Copper	ppm	█ 10	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	40	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	< 1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	1767	---	---	---
Magnesium	ppm	22	---	---	---
Zinc	ppm	822	---	---	---
Phosphorus	ppm	689	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	< 1	---	---	---

Depot: VP794951
Unique No: 10965797
Signed: Sean Felton
Report Date: 10 Apr 2024

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS

