

OIL ANALYSIS REPORT

VOLVO PENTA

BOB RYLANDER PATRICK/502643-7250 VOLVO PENTA 3194008242 - PORT IPS

Sample No: VPA059638

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA059638	---	---	---
Sample Date	23 Jan 2024	---	---	---
Machine Hours	1657	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

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 @ 40°C	cSt	█ 109	---	---	---
-------------	-----	-------	-----	-----	-----

CONTAMINATION

Water	%	▲ 0.287	---	---	---
Silicon	ppm	11	---	---	---
Sodium	ppm	█ 19	---	---	---
Potassium	ppm	█ 3	---	---	---

WEAR METALS

PQ		█ 23	---	---	---
Iron	ppm	█ 57	---	---	---
Copper	ppm	7	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 16	---	---	---
Magnesium	ppm	█ 8	---	---	---
Zinc	ppm	█ 33	---	---	---
Phosphorus	ppm	█ 1371	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 345	---	---	---

Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP794951
Unique No: 10849928
Signed: Don Baldrige
Report Date: 31 Jan 2024

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS

