

OIL ANALYSIS REPORT

VOLVO PENTA

BRUCE TANNEHILL 44326 VOLVO PENTA 3200002153 - PORT IPS

Sample No: VPA055138

Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5

SAMPLE INFORMATION

Sample Number	VPA055138	---	---	---
Sample Date	05 Mar 2024	---	---	---
Machine Hours	103	---	---	---
Oil Hours	51	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	● 28.3	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	9	---	---	---
Sodium	ppm	■ 12	---	---	---
Potassium	ppm	■ 4	---	---	---

WEAR METALS

PQ		■ 17	---	---	---
Iron	ppm	■ 46	---	---	---
Copper	ppm	■ 56	---	---	---
Lead	ppm	7	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 1	---	---	---
Nickel	ppm	■ 5	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 69	---	---	---
Magnesium	ppm	■ 29	---	---	---
Zinc	ppm	■ 43	---	---	---
Phosphorus	ppm	■ 160	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 55	---	---	---

COASTAL CAROLINA YACHT SALES

145 LOCKWOOD BLVD

CHARLESTON, SC

US 29403

Contact: STEVE VASAS

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T:

F:

Diagnosis

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. 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 oil viscosity is lower than normal. Confirm oil type.

Depot: VP568144

Unique No: 10928639

Signed: Sean Felton

Report Date: 19 Mar 2024

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GRAPHS

