

OIL ANALYSIS REPORT

VOLVO PENTA

CHRIS DULLINS REGAL RGMH615D222 - CENTER GASOLINE ENGINE

Sample No: VPA049781
Oil Type: VOLVO PENTA 10W40

SAMPLE INFORMATION

Sample Number	VPA049781	---	---	---
Sample Date	25 Jul 2023	---	---	---
Machine Hours	85	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

Full Performance Marine Inc
Intersection of Rt. 26&994
JAMES CREEK, PA
US 16657
Contact: Matthew Finklestine
matt@fullperformancemarine.com
T:
F:

OIL CONDITION

Visc @ 100°C	cSt	▲ 10.2	---	---	---
Base Number (BN)	mg KOH/g	■ 8.3	---	---	---
Oxidation (PA)	%	■ 11	---	---	---

Diagnosis

We advise that you check the fuel injection system. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate amount of fuel present in the oil. Fuel is present in the oil and is lowering the viscosity.

CONTAMINATION

Soot %	%	■ 0	---	---	---
Nitration (PA)	%	■ 8	---	---	---
Sulfation (PA)	%	■ 10	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	▲ 6.3	---	---	---
Silicon	ppm	■ 32	---	---	---
Sodium	ppm	■ 6	---	---	---
Potassium	ppm	■ 4	---	---	---

WEAR METALS

Iron	ppm	■ 21	---	---	---
Copper	ppm	■ 19	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminum	ppm	■ 5	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 77	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	■ <1	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 1774	---	---	---
Magnesium	ppm	■ 128	---	---	---
Zinc	ppm	■ 879	---	---	---
Phosphorus	ppm	■ 710	---	---	---
Barium	ppm	■ 1	---	---	---
Boron	ppm	■ 30	---	---	---

Depot: VP410493
Unique No: 10587675
Signed: Doug Bogart
Report Date: 08 Aug 2023

OIL ANALYSIS REPORT



GRAPHS

