

OIL ANALYSIS REPORT

VOLVO PENTA

MERCURY 2R611314 - GASOLINE ENGINE

Sample No: VPA056942

Oil Type: MERCURY 25W30

SAMPLE INFORMATION

Sample Number	VPA056942	VPA055627	---	---
Sample Date	28 Sep 2023	21 Aug 2023	---	---
Machine Hours	390	393	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 143.7	---	---	---
Visc @ 100°C	cSt	█ 15.35	█ 14.8	---	---
Viscosity Index (VI)	Scale	109	---	---	---
Base Number (BN)	mg KOH/g	█ 9.19	█ 8.0	---	---
Oxidation (PA)	%	---	12	---	---

CONTAMINATION

Soot %	%	---	█ 0	---	---
Nitration (PA)	%	---	5	---	---
Sulfation (PA)	%	---	10	---	---
Glycol	%	NEG	NEG	---	---
Fuel	%	<1.0	<1.0	---	---
Silicon	ppm	█ 4	█ 4	---	---
Sodium	ppm	█ <1	█ 0	---	---
Potassium	ppm	█ 0	█ 1	---	---

WEAR METALS

Iron	ppm	█ 0	█ <1	---	---
Copper	ppm	█ 0	█ 7	---	---
Lead	ppm	█ 0	█ 0	---	---
Tin	ppm	█ 0	█ 0	---	---
Aluminum	ppm	█ <1	█ 0	---	---
Chromium	ppm	█ <1	█ 0	---	---
Molybdenum	ppm	52	█ 52	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	0	█ 0	---	---
Silver	ppm	█ 0	█ 0	---	---
Manganese	ppm	<1	█ <1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	2257	█ 2180	---	---
Magnesium	ppm	15	█ 10	---	---
Zinc	ppm	910	█ 881	---	---
Phosphorus	ppm	793	█ 766	---	---
Barium	ppm	0	█ 0	---	---
Boron	ppm	229	█ 241	---	---

COASTAL CAROLINA YACHT SALES
145 LOCKWOOD BLVD
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T:
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Diagnosis

This is a baseline read-out on the submitted sample.

Depot: VP568144
Unique No: 10673309
Signed: Jonathan Hester
Report Date: 06 Oct 2023

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GRAPHS

