

OIL ANALYSIS REPORT

VOLVO PENTA

GREGORY SCHWAKE 547044 VOLVO PENTA A1055334 - GASOLINE ENGINE

Sample No: VPA057513

Oil Type: VOLVO PENTA 25W40 SEMI SYN

SAMPLE INFORMATION

Sample Number	VPA057513	---	---	---
Sample Date	12 Oct 2023	---	---	---
Machine Hours	228	---	---	---
Oil Hours	55	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Boats By George Inc
18 State Route 149
LAKE GEORGE, NY
US 12845-3501
Contact: DON MANAHER
don@boatsbygeorge.com
T:
F:

OIL CONDITION

Visc @ 100°C	cSt	█ 12.1	---	---	---
Base Number (BN)	mg KOH/g	█ 7.9	---	---	---
Oxidation (PA)	%	16	---	---	---

CONTAMINATION

Soot %	%	█ 0.1	---	---	---
Nitration (PA)	%	10	---	---	---
Sulfation (PA)	%	12	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 9	---	---	---
Sodium	ppm	█ 1	---	---	---
Potassium	ppm	█ <1	---	---	---

Diagnosis

Oil and filter 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 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.

WEAR METALS

Iron	ppm	█ 13	---	---	---
Copper	ppm	█ 39	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	39	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	1881	---	---	---
Magnesium	ppm	24	---	---	---
Zinc	ppm	753	---	---	---
Phosphorus	ppm	644	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	72	---	---	---

Depot: VP151865
Unique No: 10714093
Signed: Angela Borella
Report Date: 31 Oct 2023

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GRAPHS

