

# OIL ANALYSIS REPORT

**VOLVO  
PENTA**

## BLACKSTONE VOLVO PENTA 40869775 - PORT GASOLINE ENGINE

Sample No: VPA056606

Oil Type: NOT GIVEN

### SAMPLE INFORMATION

Sample Number	VPA056606	---	---	---
Sample Date	13 Nov 2023	---	---	---
Machine Hours	110	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

### MAKO MARINE

117 HUDSON AVE

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US 11520

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### OIL CONDITION

Visc @ 100°C	cSt	█ 11.2	---	---	---
Base Number (BN)	mg KOH/g	█ 7.6	---	---	---
Oxidation (PA)	%	13	---	---	---

### Diagnosis

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 BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

### CONTAMINATION

Soot %	%	█ 0	---	---	---
Nitration (PA)	%	8	---	---	---
Sulfation (PA)	%	11	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	<1.0	---	---	---
Silicon	ppm	█ 33	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 3	---	---	---

### WEAR METALS

Iron	ppm	█ 34	---	---	---
Copper	ppm	█ 64	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	36	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	11	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	1800	---	---	---
Magnesium	ppm	157	---	---	---
Zinc	ppm	815	---	---	---
Phosphorus	ppm	707	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	125	---	---	---

Depot: VP1134331

Unique No: 10741279

Signed: Doug Bogart

Report Date: 15 Nov 2023

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## GRAPHS

