

# OIL ANALYSIS REPORT

**VOLVO  
PENTA**

## DEL CHENAULT MERCUISER OW690786 - STARBOARD GASOLINE ENGINE

Sample No: VPA049882

Oil Type: MERCURY PRECISION LUBRICANTS 25W40 SYN BLEND

### SAMPLE INFORMATION

Sample Number	VPA049882	---	---	---
Sample Date	18 Jan 2024	---	---	---
Machine Hours	719	---	---	---
Oil Hours	25	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

### YACHT BASIN MARINA

1866 OTTAWA BEACH RD

HOLLAND, MI

US 49424

Contact: OIL SAMPLE/PART

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### OIL CONDITION

Visc @ 100°C	cSt	█ 10.4	---	---	---
Base Number (BN)	mg KOH/g	█ 9.3	---	---	---
Oxidation (PA)	%	13	---	---	---

### CONTAMINATION

Water	%	NEG	---	---	---
Soot %	%	█ 0	---	---	---
Nitration (PA)	%	8	---	---	---
Sulfation (PA)	%	11	---	---	---
Glycol	%	NEG	---	---	---
Fuel	%	< 1.0	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 0	---	---	---

### Diagnosis

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	█ 14	---	---	---
Copper	ppm	█ 2	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ < 1	---	---	---
Aluminum	ppm	█ 10	---	---	---
Chromium	ppm	█ < 1	---	---	---
Molybdenum	ppm	42	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	< 1	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	1858	---	---	---
Magnesium	ppm	25	---	---	---
Zinc	ppm	692	---	---	---
Phosphorus	ppm	619	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	148	---	---	---

Depot: VP718610

Unique No: 10845914

Signed: Sean Felton

Report Date: 26 Jan 2024

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## GRAPHS

