

# OIL ANALYSIS REPORT

# VOLVO PENTA

## JOHN MCINTOSH YANMAR JOHN MCINTOSH (S/N NOT GIVEN) - STARBOARD GEARBOX

Sample No: VPA056528

Oil Type: {unknown}

### SAMPLE INFORMATION

Sample Number	VPA056528	---	---	---
Sample Date	15 Jan 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

### MELBOURNE MARINE DIESEL

MELBOURNE, FL

US

Contact: SERVICE MANAGER

info@melbournemarinediesel.com

T: (321)425-2517

F:

### OIL CONDITION

Visc @ 40°C	cSt	■ 80.00	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 7	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 0	---	---	---

### 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 condition of the oil is acceptable for the time in service.

### WEAR METALS

PQ		■ 45	---	---	---
Iron	ppm	■ 19	---	---	---
Copper	ppm	■ 14	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	76	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	1044	---	---	---
Magnesium	ppm	508	---	---	---
Zinc	ppm	736	---	---	---
Phosphorus	ppm	694	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	168	---	---	---

Depot: VP1222400

Unique No: 10832990

Signed: Doug Bogart

Report Date: 16 Jan 2024

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## GRAPHS

