

OIL ANALYSIS REPORT

VOLVO PENTA

MATT BELL ZF 23920 - INBOARD - STARBOARD GEARBOX

Sample No: VPA049984

Oil Type: ATF

SAMPLE INFORMATION

Sample Number	VPA049984	---	---	---
Sample Date	11 Mar 2024	---	---	---
Machine Hours	3176	---	---	---
Oil Hours	246	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

YACHT BASIN MARINA

1866 OTTAWA BEACH RD

HOLLAND, MI

US 49424

Contact: OIL SAMPLE/PART

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F:

OIL CONDITION

Visc @ 40°C	cSt	■ 23.3	---	---	---
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CONTAMINATION

Water	%	■ NEG	---	---	---
Silicon	ppm	■ 2	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ <1	---	---	---

WEAR METALS

PQ		■ 19	---	---	---
Iron	ppm	■ 26	---	---	---
Copper	ppm	■ 79	---	---	---
Lead	ppm	■ 3	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminium	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 0	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 41	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 32	---	---	---
Phosphorus	ppm	■ 181	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 73	---	---	---

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

Depot: VP718610

Unique No: 10928622

Signed: Don Baldrige

Report Date: 19 Mar 2024

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GRAPHS

