

OIL ANALYSIS REPORT

VOLVO PENTA

BORG WARNER 10525 - INBOARD - STARBOARD GEARBOX

Sample No: VPA056658

Oil Type: DEXRON III

SAMPLE INFORMATION

Sample Number	VPA056658	---	---	---
Sample Date	21 Sep 2023	---	---	---
Machine Hours	982	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

YACHT BASIN MARINA

1866 OTTAWA BEACH RD

HOLLAND, MI

US 49424

Contact: PHIL MENERICK

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F:

OIL CONDITION

Visc @ 40°C	cSt	■ 22.5	---	---	---
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CONTAMINATION

Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 0	---	---	---

WEAR METALS

PQ		■ 39	---	---	---
Iron	ppm	■ 135	---	---	---
Copper	ppm	▲ 303	---	---	---
Lead	ppm	■ 33	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	< 1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 71	---	---	---
Magnesium	ppm	■ < 1	---	---	---
Zinc	ppm	■ 28	---	---	---
Phosphorus	ppm	■ 248	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 94	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. (transmission noise).The copper level is abnormal. Clutch and/or bushing/bearing wear is indicated. 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: 10669030

Signed: Don Baldrige

Report Date: 28 Sep 2023

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GRAPHS

