

OIL ANALYSIS REPORT

VOLVO PENTA

CC YACHT SALES 44541 ZF 20339507 - INBOARD - GEARBOX

Sample No: VPA054111

Oil Type: DIESEL ENGINE OIL SAE 30

SAMPLE INFORMATION

Sample Number	VPA054111	---	---	---
Sample Date	08 Mar 2024	---	---	---
Machine Hours	185	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 88.9	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 6	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 2	---	---	---

WEAR METALS

PQ		■ 22	---	---	---
Iron	ppm	■ 15	---	---	---
Copper	ppm	▲ 328	---	---	---
Lead	ppm	■ 3	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 75	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 0	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 2061	---	---	---
Magnesium	ppm	■ 236	---	---	---
Zinc	ppm	■ 1021	---	---	---
Phosphorus	ppm	■ 876	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 35	---	---	---

COASTAL CAROLINA YACHT SALES

145 LOCKWOOD BLVD

CHARLESTON, SC

US 29403

Contact: STEVE VASAS

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Diagnosis

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. The copper level is abnormal. All other 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: VP568144

Unique No: 10928634

Signed: Sean Felton

Report Date: 19 Mar 2024

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GRAPHS

