

OIL ANALYSIS REPORT

VOLVO PENTA

44614 VOLVO PENTA 51220295591 - INBOARD GEARBOX

Sample No: VPA054108

Oil Type: VALVOLINE DEXRON III/MERCON ATF

SAMPLE INFORMATION

Sample Number	VPA054108	VPA004080	---	---
Sample Date	10 Apr 2024	15 Sep 2020	---	---
Machine Hours	251	49	---	---
Oil Hours	0	49	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	ABNORMAL	---	---

OIL CONDITION

Visc @ 40°C	cSt	█ 26.4	█ 23.2	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 4	█ 9	---	---
Sodium	ppm	█ <1	█ 4	---	---
Potassium	ppm	█ 1	█ 8	---	---

WEAR METALS

PQ		█ 15	█ 28	---	---
Iron	ppm	█ 15	█ 36	---	---
Copper	ppm	█ 29	▲ 98	---	---
Lead	ppm	█ 32	▲ 316	---	---
Tin	ppm	█ 3	█ 0	---	---
Aluminum	ppm	█ 1	█ 2	---	---
Chromium	ppm	█ <1	<1	---	---
Molybdenum	ppm	█ 2	█ 0	---	---
Nickel	ppm	█ 1	1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	1	█ 1	---	---
Vanadium	ppm	<1	2	---	---

ADDITIVES

Calcium	ppm	█ 70	█ 74	---	---
Magnesium	ppm	█ 7	█ 5	---	---
Zinc	ppm	█ 17	█ 111	---	---
Phosphorus	ppm	█ 275	█ 212	---	---
Barium	ppm	█ 0	█ 9	---	---
Boron	ppm	█ 114	█ 127	---	---

COASTAL CAROLINA YACHT SALES

145 LOCKWOOD BLVD
CHARLESTON, SC
US 29403
Contact: STEVE VASAS
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T:
F:

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. 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: VP568144
Unique No: 10982407
Signed: Sean Felton
Report Date: 22 Apr 2024

OIL ANALYSIS REPORT



GRAPHS

