

OIL ANALYSIS REPORT

VOLVO PENTA

HAVLICHECK CLINT THOMPSON VOLVO PENTA 51220284004 - INBOARD - STARBOARD GEARBOX

Sample No: VPA059543

Oil Type: VOLVO DEXRON ATF

SAMPLE INFORMATION

Sample Number	VPA059543	---	---	---
Sample Date	22 Nov 2023	---	---	---
Machine Hours	2642	---	---	---
Oil Hours	2642	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Helmuts Marine Service

619 Canal Street
SAN RAFAEL, CA
US 94901-3545
Contact: NADINE URUIOLI
SERVICE@HELMUTSMARINE.COM

T: x:

F: x:

OIL CONDITION

Visc @ 40°C	cSt	■ 27.4	---	---	---
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CONTAMINATION

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

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.

WEAR METALS

PQ		■ 22	---	---	---
Iron	ppm	■ 6	---	---	---
Copper	ppm	■ 23	---	---	---
Lead	ppm	■ 2	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 0	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	4	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	4	---	---	---
Phosphorus	ppm	149	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	67	---	---	---

Depot: VP152741

Unique No: 10768638

Signed: Don Baldrige

Report Date: 06 Dec 2023

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GRAPHS

