

OIL ANALYSIS REPORT

VOLVO PENTA

DORR WALTER VOLVO PENTA 3194010181 - STARBOARD IPS

Sample No: VPA047210

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA047210	VPA026211	VPA027759	---
Sample Date	03 Dec 2022	23 Nov 2021	20 Jul 2020	---
Machine Hours	772	710	0	---
Oil Hours	70	70	0	---
Oil Changed	Changed	Changed	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---

Bayview Yachtcrafters Inc
31785 S. River Road
HARRISON TOWNSHIP, MI
US 48045
Contact: Shawn Robertson
bayviewyachtcrafters@comcast.net
T:
F:

OIL CONDITION

Visc @ 40°C	cSt	█ 110	█ 110	█ 102	---
-------------	-----	-------	-------	-------	-----

CONTAMINATION

Silicon	ppm	█ 10	█ 8	█ 34	---
Sodium	ppm	█ <1	█ 2	█ 9	---
Potassium	ppm	█ 0	█ 0	█ 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 fluid. The condition of the fluid is acceptable for the time in service.

WEAR METALS

PQ		█ 16	█ 25	█ 24	---
Iron	ppm	█ 62	█ 88	█ 199	---
Copper	ppm	█ 8	█ 16	█ 36	---
Lead	ppm	█ 0	█ 0	█ 2	---
Tin	ppm	█ 0	█ 0	█ 0	---
Aluminum	ppm	█ 2	█ 2	█ 3	---
Chromium	ppm	█ <1	█ 1	█ 2	---
Molybdenum	ppm	█ <1	█ <1	█ 0	---
Nickel	ppm	█ 0	█ 1	█ 3	---
Titanium	ppm	█ 0	█ 0	█ 0	---
Silver	ppm	█ 0	█ <1	█ 0	---
Manganese	ppm	█ <1	█ 1	█ 3	---
Vanadium	ppm	█ 0	█ 0	█ 0	---

ADDITIVES

Calcium	ppm	█ 9	█ 6	█ 7	---
Magnesium	ppm	█ 2	█ <1	█ 4	---
Zinc	ppm	█ 7	█ 3	█ 27	---
Phosphorus	ppm	█ 1290	█ 1484	█ 1192	---
Barium	ppm	█ 0	█ 0	█ 0	---
Boron	ppm	█ 326	█ 345	█ 202	---

Depot: VP151756
Unique No: 10253361
Signed: Sean Felton
Report Date: 12 Dec 2022

OIL ANALYSIS REPORT

**VOLVO
PENTA**

GRAPHS

