

OIL ANALYSIS REPORT

VOLVO PENTA

JAMIE JAMIESON 0009HR ZF 20336694 - INBOARD - CENTER GEARBOX

Sample No: VPA037348

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA037348	VPA039734	---	---
Sample Date	05 Dec 2021	13 Oct 2021	---	---
Machine Hours	61	65	---	---
Oil Hours	0	65	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	ABNORMAL	NORMAL	---	---

BELLINGHAM YACHT SALES (OUILEETE BROS)

1801 ROEDER AVE, SUITE 174
BELLINGHAM, WA
US 98225
Contact: JOSH LOWE
josh@bellinghamyachts.com
T: (360)671-0990
F:

OIL CONDITION

Visc @ 40°C	cSt	■ 84.0	■ 55.9	---	---
-------------	-----	--------	--------	-----	-----

CONTAMINATION

Water	%	▲ 0.457	NEG	---	---
Silicon	ppm	■ 14	■ 10	---	---
Sodium	ppm	■ 2	■ 5	---	---
Potassium	ppm	■ 0	■ 0	---	---

WEAR METALS

PQ		■ 23	■ 43	---	---
Iron	ppm	■ 12	■ 38	---	---
Copper	ppm	■ 22	■ 103	---	---
Lead	ppm	■ 2	■ 8	---	---
Tin	ppm	■ 2	■ 4	---	---
Aluminum	ppm	■ 1	■ 4	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	43	17	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	3673	3345	---	---
Magnesium	ppm	52	123	---	---
Zinc	ppm	1197	1370	---	---
Phosphorus	ppm	1089	1107	---	---
Barium	ppm	0	0	---	---
Boron	ppm	334	143	---	---

Diagnosis

We advise that you check for the source of water entry. We recommend an early resample to monitor this condition. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP255663
Unique No: 9765129
Signed: Jonathan Hester
Report Date: 08 Dec 2021

OIL ANALYSIS REPORT



GRAPHS

