

OIL ANALYSIS REPORT

VOLVO PENTA

WILSON 590-75 JC MERCURY OM979483 - ZEUS POD - PORT GEARBOX

Sample No: VPA021917
Oil Type: MERCURY 90W SYN

SAMPLE INFORMATION

Sample Number	VPA021917	---	---	---
Sample Date	18 Dec 2023	---	---	---
Machine Hours	113	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ABNORMAL	---	---	---

Outstanding Marine
PO Box 274
GALENA, MD
US 21635
Contact: Ronda Bolinger
rlwb@verizon.net
T:
F:

OIL CONDITION

Visc @ 40°C	cSt	█ 137	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 1	---	---	---
Sodium	ppm	█ 9	---	---	---
Potassium	ppm	█ 13	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron 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.

WEAR METALS

PQ		█ 21	---	---	---
Iron	ppm	▲ 206	---	---	---
Copper	ppm	█ 11	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminium	ppm	█ 1	---	---	---
Chromium	ppm	█ 2	---	---	---
Molybdenum	ppm	22	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	35	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	11	---	---	---
Phosphorus	ppm	286	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	4	---	---	---

Depot: VP153685
Unique No: 10816498
Signed: Angela Borella
Report Date: 04 Jan 2024

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GRAPHS

