

OIL ANALYSIS REPORT

VOLVO PENTA

WILSON 590-75 JC ZF 20345685 - STARBOARD TRANSMISSION

Sample No: VPA021839

Oil Type: MERCURY 0W SYN POWER STEERING FLUID

SAMPLE INFORMATION

Sample Number	VPA021839	---	---	---
Sample Date	18 Dec 2023	---	---	---
Machine Hours	111	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ATTENTION	---	---	---

Outstanding Marine

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

OIL CONDITION

Visc @ 40°C	cSt	■ 37.9	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 7	---	---	---
Sodium	ppm	■ 1	---	---	---
Potassium	ppm	■ 3	---	---	---

WEAR METALS

PQ		■ 99	---	---	---
Iron	ppm	▲ 210	---	---	---
Copper	ppm	■ 384	---	---	---
Lead	ppm	■ 5	---	---	---
Tin	ppm	■ 1	---	---	---
Aluminium	ppm	■ 4	---	---	---
Chromium	ppm	■ 3	---	---	---
Molybdenum	ppm	48	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	2302	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	773	---	---	---
Phosphorus	ppm	682	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	218	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. There is a moderate amount of visible silt present in the sample. The condition of the fluid is acceptable for the time in service.

Depot: VP153685
Unique No: 10816497
Signed: Doug Bogart
Report Date: 04 Jan 2024

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GRAPHS

