

OIL ANALYSIS REPORT

**VOLVO
PENTA**

STEVE MCKEOWN - ADIOS ML ZF 20106403 - INBOARD - STARBOARD GEARBOX

Sample No: VPA060332

Oil Type: SAE 40W

SAMPLE INFORMATION

Sample Number	VPA060332	---	---	---
Sample Date	19 Oct 2023	---	---	---
Machine Hours	1848	---	---	---
Oil Hours	163	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

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1128 CHESTNUT AVE
PANAMA CITY, FL
US 32401
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F:

OIL CONDITION

Visc @ 40°C	cSt	■ 97.9	---	---	---
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CONTAMINATION

Silicon	ppm	■ 4	---	---	---
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		■ 21	---	---	---
Iron	ppm	■ 22	---	---	---
Copper	ppm	■ 65	---	---	---
Lead	ppm	■ 102	---	---	---
Tin	ppm	■ 13	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 72	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ <1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	■ 0	---	---	---

ADDITIVES

Calcium	ppm	■ 2132	---	---	---
Magnesium	ppm	■ 224	---	---	---
Zinc	ppm	■ 962	---	---	---
Phosphorus	ppm	■ 854	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 26	---	---	---

Depot: VPFLOPAN
Unique No: 10711068
Signed: Don Baldrige
Report Date: 26 Oct 2023

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GRAPHS

