

OIL ANALYSIS REPORT

**VOLVO
PENTA**

SCREW IT AGAIN ZF 32361P - INBOARD - STARBOARD GEARBOX

Sample No: VPA051086

Oil Type: ATF

SAMPLE INFORMATION

Sample Number	VPA051086	---	---	---
Sample Date	18 Jun 2024	---	---	---
Machine Hours	784	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ABNORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	■ 24.0	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 11	---	---	---
Sodium	ppm	■ 9	---	---	---
Potassium	ppm	■ 2	---	---	---

WEAR METALS

PQ		■ 24	---	---	---
Iron	ppm	■ 33	---	---	---
Copper	ppm	▲ 82	---	---	---
Lead	ppm	▲ 100	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 25	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ <1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 219	---	---	---
Magnesium	ppm	■ 3	---	---	---
Zinc	ppm	70	---	---	---
Phosphorus	ppm	■ 330	---	---	---
Barium	ppm	■ 59	---	---	---
Boron	ppm	■ 104	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Clutch wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP1080862
Unique No: 11100778
Signed: Jonathan Hester
Report Date: 01 Jul 2024

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GRAPHS

