

OIL ANALYSIS REPORT



STEVE KUTINA TAP538598 ZF STEVE KUTINA - INBOARD (S/N NOT GIVEN) - STARBOARD GEARBOX

Sample No: VPA045642

Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102

SAMPLE INFORMATION

Sample Number	VPA045642	---	---	---
Sample Date	06 Feb 2024	---	---	---
Machine Hours	205	---	---	---
Oil Hours	100	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

FDDA TAMPA

TAMPA, FL
US
Contact: KYLE SUTLEY
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F:

OIL CONDITION

Visc @ 40°C	cSt	■ 26.9	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ 7	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ 2	---	---	---

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		■ 48	---	---	---
Iron	ppm	■ 88	---	---	---
Copper	ppm	■ 19	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 1	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 1	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 0	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 113	---	---	---
Magnesium	ppm	■ 5	---	---	---
Zinc	ppm	■ 34	---	---	---
Phosphorus	ppm	■ 258	---	---	---
Barium	ppm	■ 9	---	---	---
Boron	ppm	■ 115	---	---	---

Depot: VP208641
Unique No: 10875170
Signed: Sean Felton
Report Date: 15 Feb 2024

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VOLVO PENTA

GRAPHS

