

# OIL ANALYSIS REPORT

**VOLVO  
PENTA**

## DAVID JOHNSON ZF 20727 - INBOARD - STARBOARD GEARBOX

Sample No: VPA056802

Oil Type: DEXRON III

### SAMPLE INFORMATION

Sample Number	VPA056802	---	---	---
Sample Date	18 Jul 2023	---	---	---
Machine Hours	1207	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

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### OIL CONDITION

Visc @ 40°C	cSt	■ 25.6	---	---	---
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### CONTAMINATION

Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 7	---	---	---
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		■ 40	---	---	---
Iron	ppm	■ 91	---	---	---
Copper	ppm	■ 68	---	---	---
Lead	ppm	■ 17	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 5	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ <1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 1	---	---	---
Vanadium	ppm	<1	---	---	---

### ADDITIVES

Calcium	ppm	■ 163	---	---	---
Magnesium	ppm	■ 1	---	---	---
Zinc	ppm	■ 59	---	---	---
Phosphorus	ppm	■ 241	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 93	---	---	---

Depot: VPFLOPAN  
Unique No: 10564856  
Signed: Don Baldrige  
Report Date: 24 Jul 2023

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## GRAPHS

