

# OIL ANALYSIS REPORT

# VOLVO PENTA

## FLOYD SPARKS 205360 VOLVO PENTA 3100000829 - GEARBOX

Sample No: VPA036782

Oil Type: VOLVO API GL-5 SAE 75W90

### SAMPLE INFORMATION

Sample Number	VPA036782	---	---	---
Sample Date	03 Oct 2023	---	---	---
Machine Hours	1517	---	---	---
Oil Hours	419	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ABNORMAL	---	---	---

**Cogswell Marine & Motorsports, Inc**  
865 Stella Street  
CHULA VISTA, CA  
US 91911  
Contact: Mitchell Cogswell  
Cogswellmarinemotorsports@gmail.com  
T:  
F:

### OIL CONDITION

Visc @ 40°C	cSt	■ 86.4	---	---	---
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### CONTAMINATION

Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 3	---	---	---

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear 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.

### WEAR METALS

PQ		■ 19	---	---	---
Iron	ppm	▲ 245	---	---	---
Copper	ppm	■ 1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 3	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	■ 41	---	---	---
Magnesium	ppm	■ 863	---	---	---
Zinc	ppm	■ 0	---	---	---
Phosphorus	ppm	■ 1500	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 455	---	---	---

**Depot:** VP152133  
**Unique No:** 10684304  
**Signed:** Sean Felton  
**Report Date:** 10 Oct 2023

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## GRAPHS

