

# OIL ANALYSIS REPORT

# VOLVO PENTA

## VOLVO PENTA 3200003536 - STARBOARD IPS

Sample No: VPA056279

Oil Type: VOLVO API GL-5 SAE 75W90

### SAMPLE INFORMATION

Sample Number	VPA056279	---	---	---
Sample Date	13 Nov 2023	---	---	---
Machine Hours	68	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

FDDA FT PIERCE - POWER CENTER

FORT PIERCE, FL  
US

Contact: KYLE GRASER  
k.graser@kirbycorp.com

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### OIL CONDITION

Visc @ 40°C	cSt	99.9	---	---	---
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### CONTAMINATION

Silicon	ppm	4	---	---	---
Sodium	ppm	5	---	---	---
Potassium	ppm	7	---	---	---

### Diagnosis

No corrective action is recommended at this time. 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		18	---	---	---
Iron	ppm	26	---	---	---
Copper	ppm	11	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	<1	---	---	---

### ADDITIVES

Calcium	ppm	23	---	---	---
Magnesium	ppm	1027	---	---	---
Zinc	ppm	12	---	---	---
Phosphorus	ppm	1729	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	645	---	---	---

Depot: VP208659  
Unique No: 10749111  
Signed: Doug Bogart  
Report Date: 16 Nov 2023

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## GRAPHS

