

# OIL ANALYSIS REPORT



**502804 VOLVO PENTA 3940016899 - PORT IPS**

**Sample No:** VPA058063

**Oil Type:** VOLVO API GL-5 SAE 75W90

## SAMPLE INFORMATION

Sample Number	VPA058063	---	---	---
Sample Date	07 Mar 2024	---	---	---
Machine Hours	829	---	---	---
Oil Hours	111	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**North Harbor Diesel Inc**  
 720 30Th Street  
 ANACORTES, WA  
 US 98221  
 Contact: ED MCFARLIN  
 ed@northharbordiesel.com  
 T:  
 F:

## OIL CONDITION

Visc @ 40°C	cSt	■ 95.4	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	4	---	---	---
Sodium	ppm	■ 2	---	---	---
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		■ 15	---	---	---
Iron	ppm	■ 15	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminium	ppm	0	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 0	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	■ 9	---	---	---
Magnesium	ppm	■ 2	---	---	---
Zinc	ppm	■ 6	---	---	---
Phosphorus	ppm	■ 1244	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 480	---	---	---

**Depot:** VP179089  
**Unique No:** 10930003  
**Signed:** Don Baldrige  
**Report Date:** 20 Mar 2024

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# VOLVO PENTA

## GRAPHS

