

OIL ANALYSIS REPORT

VOLVO PENTA

GREGORY KING SAM VOLVO PENTA 3200004171 - STARBOARD IPS

Sample No: VPA059338

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA059338	---	---	---
Sample Date	04 Dec 2023	---	---	---
Machine Hours	127	---	---	---
Oil Hours	127	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Endor Marine LLC - Coastal Marine - 152124
4300 11th Ave. NW
SEATTLE, WA
US 98107
Contact: WILLOW YANARELLA
service@coastalmarineengine.com
T: (206)784-3703
F: (206)784-8823

OIL CONDITION

Visc @ 40°C	cSt	■ 97.4	---	---	---
-------------	-----	--------	-----	-----	-----

CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	4	---	---	---
Sodium	ppm	■ 5	---	---	---
Potassium	ppm	■ 11	---	---	---

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		■ 25	---	---	---
Iron	ppm	■ 43	---	---	---
Copper	ppm	■ 11	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	4	---	---	---
Manganese	ppm	■ 4	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	■ 32	---	---	---
Magnesium	ppm	■ 879	---	---	---
Zinc	ppm	■ 9	---	---	---
Phosphorus	ppm	■ 1548	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 539	---	---	---

Depot: VP794951
Unique No: 10777927
Signed: Don Baldrige
Report Date: 10 Dec 2023

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS

