

OIL ANALYSIS REPORT

VOLVO PENTA

43679 VOLVO PENTA 3940016904 - STARBOARD IPS

Sample No: VPA049772

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA049772	VPA0555596	---	---
Sample Date	18 Dec 2023	18 Sep 2023	---	---
Machine Hours	1116	1095	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	SEVERE	---	---

OIL CONDITION

Visc @ 40°C	cSt	106	129	---	---
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CONTAMINATION

Water	%	0.180	3.09	---	---
Silicon	ppm	10	12	---	---
Sodium	ppm	0	231	---	---
Potassium	ppm	1	10	---	---

WEAR METALS

PQ		24	25	---	---
Iron	ppm	17	136	---	---
Copper	ppm	2	15	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	<1	2	---	---
Aluminum	ppm	3	5	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	2	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	4	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	17	20	---	---
Magnesium	ppm	2	32	---	---
Zinc	ppm	<1	15	---	---
Phosphorus	ppm	1330	502	---	---
Barium	ppm	8	0	---	---
Boron	ppm	323	70	---	---

COASTAL CAROLINA YACHT SALES

145 LOCKWOOD BLVD

CHARLESTON, SC

US 29403

Contact: STEVE VASAS

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T:

F:

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.

Depot: VP568144

Unique No: 10794856

Signed: Angela Borella

Report Date: 21 Dec 2023

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GRAPHS

